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Sequence 13, Application US/10501756

j Sequence 13, Application US/105017651

j Bublication No. US20050112765A1

GENERAL INFORMATION:

APPLICANT: Duke University

APPLICANT: Chuan-Yuan, Li

TITLE OF INVENTION: GENERATION OF RECOMBINANT ADENO-ASSOCIATED VIRAL VECTORS BY A

TITLE OF INVENTION: COMPLETE ADENOVIRUS-MEDIATED APPROACH

FILE REFERENCE: 180/137

CURRENT APPLICATION NUMBER: US/10/501,756

CURRENT APPLICATION NUMBER: US/002-01-16

PRIOR FILING DATE: 2004-07-16

NUMBER OF SEQ ID NOS: 22

SOFTWARE: Patentin version 3.2

SEQ ID NO 13
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US-99-928-158B-1
; Sequence 1, Application US/09928158B
; Patent No. US2002017722A1
; GENERAL INFORMATION:
; APPLICANT SIKUN, LI
; TITLE OF INVENTION: REPLICATION COMPETENT AAV HELPER FUNCTIONS
; FILE REFERENCE: 102182-18
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: 60/224,132
PRIOR FILING DATE: 2000-08-10
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 1
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   US-10-023-208-60
                                                        ALIGNMENTS
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TYPE: DNA
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Sequence 20, Appl
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Sequence 6, Appl
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Sequence 57, Appl
Sequence 59, Appl
Sequence 20, Appl
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Sequence 1, Application US/10837029
| Publication No. US20040248301A1
| Publication No. US20040248301A1
| Publication No. US20040248301A1
| Publication No. US20040248301A1
| APPLICANT: Engelhardt, John F. TITLE OF INVENTION: ADENO ASSOCIATED VIRUS VECTORS WITH
| TITLE OF INVENTION: INTRAVECTOR HETEROLOGOUS TERMINAL PALINDROMIC SEQUENCES
| TITLE OF INVENTION: UNMER: US/10/837,029
| CURRENT APPLICATION NUMBER: US/10/94,421
| PRIOR APPLICATION NUMBER: US 60/305,204
| PRIOR PILING DATE: 2002-07-12
| PRIOR FILING DATE: 2001-07-13
| PRIOR FILING DATE: 2001-07-13
| NUMBER OF SEQ ID NOS: 11
| SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                 Length 145;
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                                                                                                                                                                                                                                                                                                                                                     Ouery Match 100.0%; Score 125; DB 15; Best Local Similarity 100.0%; Pred. No. 1.2e-27; Matches 125; Conservative 0; Mismatches 0;
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                           FEATURE:
NAME/KEY: misc_feature
LOCATION: (72)_
OTHER INFORMATION: Unpaired base
FEATURE:
NAME/KEY: misc_feature
                                                                                                                                                                                                                        ; LOCATION: (94) 7
; OTHER INFORMATION: Unpaired base US-10-240-198-2
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OTHER INFORMATION: ITR
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                                                                                                                                                                                                                                                                                                                                                                                Sequence 6, Application US/09782378A

Patent No. US20020102731A1

GENERAL INFORMATION:
APPLICANT: Hearing, Patrick
APPLICANT: Bahou, Wadie
APPLICANT: Gandalon, Ziv
APPLICANT: Gandalon, Ziv
APPLICANT: Gandalon, Ziv
TILE OF INVENTION: Adenoviral Vectors
FILE REFERENCE: STONYB-04970
CURRENT APPLICATION NUMBER: US/09/782,378A
CURRENT PILING DATE: 2001-02-12
PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6
LENGTH: 145
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| Sequence 2, Application US/10240198 |
| Publication No. US20030100115A1 |
| GENERAL INFORMATION: |
| APPLICANT: BEARD DR, PETER |
| APPLICANT: BEARD DR, PETER |
| TITLE OF INVENTION: CYTOTOXIC AGENTS |
| FILE REFERENCE: 142184WO |
| CURRENT APPLICATION NUMBER: US/10/240,198 |
| PRIOR FILING DATE: 2002-09-30 |
| PRIOR FILING DATE: 2000-04-20 |
| NUMBER OF SEQ ID NOS: 6 |
| SOFTWARE: PatentIn Ver. 2.1 |
| SENGTH: 145
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; ORGANISM: Homo sapiens
US-09-782-378A-6
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                                                                                                                                                                                                                      APPLICANT: Matthew D. Weitzman
APPLICANT: Matthew D. Cathomen
TITLE OF INVENTION: METHOD OF IDENTIFYING CELLULAR
TITLE OF INVENTION: METHOD OF IDENTIFYING CELLULAR
TITLE OF INVENTION: REGULATORS OF ADENO-ASSOCIATED VIRUS (AAV)
FILE REFERENCE: SALKINS:041A
CURRENT APPLICATION NUMBER: US/10/135,984
CURRENT FILING DATE: 2002-08-05
PRIOR FILING DATE: 2001-04-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 100.0%; Score 125; DB 13; Length 146; Best Local Similarity 100.0%; Pred. No. 1.2e-27; Matches 125; Conservative 0; Mismatches 0; Indels 0
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100.0%; Pred. No. 1.2e-27;
ive 0; Mismatches 0;
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Patent No. US20020102731A1
GENERAL INFORMATION:
APPLICANT: Hearing, Patrick
APPLICANT: Bahou, Wadie
APPLICANT: Sandalon, Ziv
APPLICANT: Gantenko, Dmitri
ITILE OF INVENTION: Adenoviral Vectors
FILE REFERENCE: STONYB-04970
CURRENT FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: 60/237,747
PRIOR APPLICATION NUMBER: 60/237,747
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 8
LENGTH: 146
                                                                                                                                                        ; Sequence 8, Application US/10135984; Publication No. US20020182595A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: adeno-associated virus
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 8
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Best Local Similarity 100.
Matches 125; Conservative
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, ORGANISM: Homo sapiens
US-09-782-378A-8
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US-09-782-378A-8
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TITLE OF INVENTION: ADENO ASSOCIATED VIRUS VECTORS WITH
TITLE OF INVENTION: ADENO ASSOCIATED VIRUS VECTORS WITH
TITLE OF INVENTION: INTRAVECTOR HETEROLOGOUS TERMINAL PALINDROMIC SEQUENCES
FILE REFERENCE: 875.105101
CURRENT APPLICATION NUMBER: 105.10/10/4.421
FRIOR APPLICATION NUMBER: US 10/194,421
FRIOR APPLICATION NUMBER: US 60/305,204
FRIOR FILING DATE: 2002-07-12
FRIOR FILING DATE: 2001-07-13
NUMBER OF SEQ ID NOS: 11
SOFTWARE: FASUSEQ for Windows Version 4.0
SEQ ID NO 11
LENGTH: 145
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Publication No. US20050112765A1
GENERAL INFORMATION
APPLICANT: Duke University
APPLICANT: Chuan-Yuan, Li
APPLICANT: Chuan-Yuan, Li
APPLICANT: Xiuuu, Zhang
APPLICANT: Xiuuu, Zhang
APPLICANT: Xiuuu, Zhang
APPLICANT: COMPLETE ADENOVIRUS-MEDIATED APPROACH
TITLE OF INVENTION: COMPLETE ADENOVIRUS-MEDIATED APPROACH
FILE REFERENCE: 180/137
CURRENT APPLICATION NUMBER: US/10/501,756
CURRENT FILING DATE: 2004-07-16
PRIOR APPLICATION NUMBER: US 60/349,532
PRIOR APPLICATION NUMBER: US 60/349,532
NUMBER OF SEQ ID NOS: 22
SOFTWARE: Patentin version 3.2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 125; DB 20; 
; Pred. No. 1.2e-27; 
0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; ORGANISM: adeno-associated virus 2 US-10-501-756-12
                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Adeno-associated virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%;
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Best Local Similarity 100.0
Matches 125, Conservative
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LENGTH: 145
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Publication No. US20030152914A1

Publication No. US20030152914A1

SERNERAL INFORMATION:

APPLICANT: Kaplitt, Michael G.

APPLICANT: Misatov. Serge

FITILE OF INVENTION: Defective Viral Vectors That are Helper Free

FILE REFERENCE: 600-1-286

CURRENT APPLICATION NUMBER: US 60/294,797

FRIOR APPLICATION NUMBER: US 60/313,007

PRIOR FILING DATE: 2001-05-31

PRIOR FILING DATE: 2001-06-07

PRIOR FILING DATE: 2001-06-07

NUMBER OF SEQ ID NOS: 20

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 13

LENGHT: 165
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; FEATURE:
; OTHER INFORMATION: SEQ ID NO:1 of U.S. Patent No. 5,478,745
US-10-054-665-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
                                                                                                                                                                    Sequence 7, Application US/10054665
; Publication No. US20020197237A1
; GENERAL INFORMATION:
; APPLICANT: Engelhardt, John F.; APPLICANT: Dans, Dongsheng
; TILLE OF INVENTION: Adeno-associated virus vectors;
; FILE REFERENCE: 875.007US2
; CURRENT APPLICATION NUMBER: US/10/054,665
; CURRENT FILING DATE: 2002-06-13
; PRIOR APPLICATION NUMBER: US 09/276,625
; PRIOR APPLICATION NUMBER: US 60/086,166
; PRIOR FILING DATE: 1998-05-20
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 125; DB 13;
Pred. No. 1.2e-27;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ) ORGANISM: Adeno-associated virus US-10-159-968-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 100.0%;
Matches 125; Conservative 0
                                                     121 GCCAA 125
                                                                                       141 GCCAA 145
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-159-968-13/c
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Publication No. US20040029106A1
APDLICANT: University of No. US20040029106A1th Carolina at Chapel Hill APPLICANT: Samulski, R. Jude
APPLICANT: McCarty, Douglas M.
TITLE OF INVENTION: DUPLEXED PARVOVIRUS VECTORS
FILE REFERENCE: 5470-282
CURRENT APPLICATION NUMBER: US/10/276,356
CURRENT PILING DATE: 2001-05-31
FRIOR FILING DATE: 2001-05-31
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
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Length 165;
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Score 125; DB 16;
Pred. No. 1.2e-27;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: WAGNER, THOMAS E.
APPLICANT: WAGNER, THOMAS E.
APPLICANT: YU, XIANXHANG
FILLE REFERENCE: 035879-0165
CURRENT APPLICATION NUMBER: US/10/669,641
CURRENT FILING DATE: 2003-09-25
PRIOR FILING DATE: 2002-09-26
NUMBER OF SEQ ID NOS: 3
SOFTWARE: PATCHING DATE: 2002-09-26
NUMBER OF SEQ ID NOS: 3.2
                                                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Sequence 3, Application US/10669641; Publication No. US20040137626A1; GENERAL INFORMATION:
100.0%;
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                                          Best Local Similarity 100.0
Matches 125; Conservative
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US-10-276-356-1/c
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US-10-669-641-3
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Query Match
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1 TIGGCCACTCCCTCTCTGCGCGCTCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC 60
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TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE FILE REPRENENCE: DE1142 CURRENT DE1142 CURRENT APPLICATION NUMBER: US/09/845,416 CURRENT FILING DATE: 2001-04-30 PRIOR APPLICATION NUMBER: 60/200,777 PRIOR PEDICONION NUMBER: 60/200,777 PRIOR FILING DATE: 2000-04-28 NUMBER OF SEQ ID NOS: 36 SOFTWARE PARENT IN VEY: 2.1 SEQ ID NO 26 LENGTH: 955
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Sequence 26, Application US/09845416

GENERAL INFORMATION:

APPLICANT: XIAO,

TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE

TITLE OF INVENTION: THEREOF

FILE REFERENCE: DE1142

CURRENT APPLICATION NUMBER: US/09/845,416

CURRENT FILING DATE: 2001-04-30

PRIOR APPLICATION NUMBER: 60/200,777

PRIOR FILING DATE: 2000-04-28
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Pred. No. 8.2e-28;
Mismatches 0;
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100.0%; Pred. No. e...
0; Mismatches
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SEQ ID NO 26
LENGTH: 955
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 100.
Best Local Similarity 100.
Matches 125; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Homo sapiens
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US-09-845-416-26
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US-09-845-416-26/c
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                                                                                                                                                                                         ; FEATURE:
; OTHER INFORMATION: Inverted terminal repeat from the AAV-2 vector plasmid pSub 201
US-10-276-356-1
                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
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                                                                                                                                                                                                                                                                                                                        Length 175;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: synthetic enzyme attachment site sequence
US-10-023-208-58
                                                                                                                                                                                                                                                                                                                                                                               Indels
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; Publication No. US20030124537A1
; GENERAL INFORMATION:
; APPLICANT: Li, Min
; APPLICANT: Li, Min
; TITLE OF INVENTION:
; TITLE OF INVENTION NUMBER: US/10/023,208
; FILE REFERENCE: A-70174-1/FFT/RMS/RMK
; CURRENT APPLICATION NUMBER: US 60/256,163
; PRIOR APPLICATION NUMBER: US 60/256,163
; PRIOR PLING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO S: 62
                                                                                                                                                                                                                                                                                                               Query Match 100.0%; Score 125; DB 17; Best Local Similarity 100.0%; Pred. No. 1.2e-27; Matches 125; Conservative 0; Mismatches 0;
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Pred. No. 1.1e-27;
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; Sequence 26, Application US/09845416
; Publication No. US20030171312A1
; GENERAL INFORMATION:
; APPLICANT: XIAO, XIAO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.0%;
Matches 125; Conservative 0
         NUMBER OF SEQ ID NOS: 1
SOFTWARE: PatentIn version 3.1
                                                                                                                                  TYPE: DNA ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           121 GCCAA 125
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                                                                         SEQ ID NO 1
LENGTH: 175
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JS-09-845-416-32
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; Sequence 33, Application US/09845416
; Publication No. US20030171312A1
; GENERAL INPORMATION:
; APPLICANT: XIAO, XIAO
; TITLE OF INVENTION: THEREOF
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: DE1142
; CURRENT FILING DATE: 2001-04-30
; PRIOR PELICATION NUMBER: 60/200, 777
; PRIOR PELICATION NUMBER: 60/200, 777
; RIOR PAPLICATION NUMBER: 60/200, 777
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PALENTIN Ver. 2.1
; SEQ ID NO 33
LENGTH: 987
                                                                                                                                                                                                                                                                                                                                                                                                                              9
## Publication No. US20030171312A1
| GENERAL INFORMATION:
| APPLICANT: XIAO, XIAO,
| TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
| TITLE OF INVENTION: THEREOF
| TITLE OF INVENTION: THEREOF
| FILE REFERENCE: DE1142
| CURRENT APPLICATION NUMBER: US/09/645,416
| CURRENT PLING DATE: 2001-04-30
| PRIOR APPLICATION NUMBER: 60/200,777
| WUMBER OF SEQ ID NOS: 36
| SOFTWARE: Patentin Ver. 2.1
| SEQ ID NO 33
| LENGTH: 987
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100.0%; Score 125; DB 10; Length 987;
Best Local Similarity 100.0%; Pred. No. 8.1e-28;
Matches 125; Conservative 0; Mismatches 0; Indels 0.
                                                                                                                                                                                                                                                                                                   Length 987;
                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                               Query Match 100.0%; Score 125; DB 10; Best Local Similarity 100.0%; Pred. No. 8.1e-28; Matches 125; Conservative 0; Mismatches 0;
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ORGANISM: Homo sapiens
US-09-845-416-33
                                                                                                                                                                                                                                  TYPE: DNA
CORGANISM: Homo sapiens
US-09-845-416-33
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US-09-445-416-32/c
Sequence 32, Application US/09845416
Sequence 32, Application US/09845416
Publication No. US20030171312A1
GENERAL INPORMATION:
TITLE OF INVENTION: DAN SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
TITLE OF INVENTION: THEREOF
FILE REPERBENCE: DE112;
CURRENT APPLICATION NUMBER: US/09/845,416
CURRENT FILING DATE: 2001-04-30
FRIOR APPLICATION NUMBER: 60/200,777
PRIOR APPLICATION NUMBER: 60/200,777
PRIOR APPLICATION NUMBER: 60/200,777
FRIENCE APPLICATION NUMBER: 60/200,777
                                                         APPLICANT: XIAO, XIAO
TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
TITLE OF INVENTION: THEREOF
FILLE REFERENCE: DE1142
CURRENT APPLICATION NUMBER: US/09/845,416
CURRENT APPLICATION NUMBER: G0/200,777
PRIOR FILLING DATE: 2000-04-28
SPRIOR FILLING DATE: 2000-04-28
SOFTWARE: PATENTING UNCS: 36
SOFTWARE: PATENTING VET: 2.1
SEQ ID NO 32
LENGTH: 4414
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100.0%; Pred. No. 5.9e-28;
tive 0; Mismatches 0;
; Sequence 32, Application US/09845416; Publication No. US20030171312A1; GENERAL INFORMATION:
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 32
LENGTH: 4414
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                                                                                                                                                                                                                                                                                                                  ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-845-416-32
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US-09-845-416-32
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Best Local Similarity
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4498 TTGGCCACTCCCTCTCTGCGCGCTCGCTCGCTCACTGAGGCCGGCGACCAAAGGTCGCC 4439
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Publication No. US20030171312A1

GENERAL INFORMATION:
APPLICANT: XIAO, XIAO

TITLE OF INVENTION: THEREOF

TITLE OF INVENTION: THEREOF

TITLE OF INVENTION: UNMER: US/09/845,416

CURRENT APPLICATION NUMBER: US/09/845,416

CURRENT FILING DATE: 2001-04-30

PRIOR APPLICATION NUMBER: 60/200,777

PRIOR FILING DATE: 2000-04-28

NUMBER OF SEQ ID NOS: 36

SOFTWARE: PATENTIN Ver. 2.1

SEQ ID NO 30
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TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
TITLE OF INVENTION: THEREOF
FILE REFERENCE: DE1142
CURRENT FILING DATE: 2001-04-30
PRIOR FILING DATE: 2001-04-28
PRIOR PILING DATE: 2000-04-28
SOFTWARE: PATCHIN NOWHER: 60/200, 777
PRIOR FILING DATE: 2000-04-28
SOFTWARE: PATCHIN VOI: 2.1
SEQ ID NO 30
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100.0%; Pred. No. 5.8e-28;
iive 0; Mismatches 0;
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; Sequence 30, Application US/09845416
; Publication No. US20030171312A1
; GENERAL INFORMATION:
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Matches 125; Conservative
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Best Local Similarity 100.
Matches 125; Conservative
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ORGANISM: Homo sapiens
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                                                                                                   4356 GCCAA 4352
                                   GCCAA 125
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Publication No. US20030171312A1
GENERAL INFORMATION:
APPLICANT: XIAO. XIAO
TITLE OF INVENTION:
TITLE OF INVEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 31, Application US/09845416
Publication No. US20030171312A1
GENERAL INFORMATION:
APPLICANT: XIAO.
TITLE OF INVENTION:
THEREOF
TITLE OF INVENTION NUMBER: US/09/845,416
CURRENT PAPLICATION NUMBER: 60/200,777
PRIOR PLILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 36
SEQ ID NO 31
LENGTH: 4476
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
100.0%; Score 125; DB 10; Length 4476;
Best Local Similarity 100.0%; Pred. No. 5.8e-28;
Matches 125; Conservative 0; Mismatches 0; Indels 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-845-416-31
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ORGANISM: Homo sapiens
4294 GCCAA 4290
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Best Local Similarity
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Sequence 7, Application US/10291583

Publication No. US20030138772A1

GENERAL INFORMATION:
APPLICANT: Gao, Guangping
APPLICANT: Wilson, James M.
APPLICANT: Alvira, Mauricio
TITLE OF INVENTION: AMERICA TO Sequences and Isolating No. US20030138772A1e1 Sequences Identifing FILE REFERENCE: UPN-02735USA
CURRENT APPLICATION NUMBER: US 60/350,607
FILE REPLICATION NUMBER: US 60/350,607
PRIOR FILING DATE: 2001-11-13
PRIOR FILING DATE: 2001-11-23
PRIOR FILING DATE: 2001-12-17
PRIOR FILING DATE: 2001-12-17
PRIOR FILING DATE: 2001-12-17
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100.0%; Pred. No. 5.8e-28;
tive 0; Mismatches 0;
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Best Local Similarity 100.0%; Pred. No. 5.8e-28; Matches 125; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1, Application US/10240198
; Sequence 1, Application US/10240198
; Publication No. US20030100115A1
; GENERAL INFORMATION:
; APPLICANT: BEARD DR. PETER
; APPLICANT: RAJ DR, KENNETH
; TITLE OF INVENTION: CYTOTOXIC AGENTS
; FILE REFERENCE: 142184WO
; CURRENT APPLICATION UNMBER: US/10/240,198
; CURRENT FILING DATE: 2000-04-20
; PRIOR PILING DATE: 2000-04-20
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: adeno-associated virus 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100.0
Matches 125; Conservative
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100.0%; Pred. No. 5.8e-28;
ative 0; Mismatches 0;
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Patent No. US20020102731A1
GENERAL INPORMATION:
GENERAL INPORMATION:
APPLICANT: Hearing, Patrick
APPLICANT: Bahou, Wadie
APPLICANT: Gandalon, Ziv
APPLICANT: Gantenko, Dmitri
TITLE OF INVENTION: Adenoviral Vectors
FILE REFERENCE: STONYB-04970
CURRENT PILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: 60/237,747
PRIOR FILING DATE: 2001-00-10
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Patent No. US20020102731A1

GENERAL INFORMATION:
APPLICANT: Hearing, Patrick
APPLICANT: Bahou, Wadie
APPLICANT: Sandalon, Ziv
APPLICANT: Sandalon, Ziv
APPLICANT: Gantenko, Dmitri
ITLE OF INVENTION: Adenoviral Vectors
FILE REFERENCE: STONYB-04970
CURRENT APPLICATION NUMBER: US/09/782,378A
CURRENT FILING DATE: 2001-02-12

PRIOR FILING DATE: 2000-10-02
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SOFTWARE: PatentIn version 3.0
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Best Local Similarity 100.
Matches 125; Conservative
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LENGTH: 4675
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; Patent No. US20020064878A1
; Fatent No. US20020064878A1
; GENERAL INFORMATION:
    APPLICANT: UNIVERSITE DE NANTES
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR RECOMBINANT
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR RECOMBINANT
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR RECOMBINANT
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR RECOMBINANT
; FULRE REFERENCE: B4182A3 - UNIVERSITE DE NANTES
; CURRENT PILING DATE: 2000-09-05
; PRIOR FILING DATE: 2000-09-05
; RUMBER OF SEQ ID NOS: 10
; SEQ ID NO 10
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                                         APPLICANT: DURING, MATTHEW
APPLICANT: XIAO, WEIDONG
TITLE OF INVENTION: PRODUCTION OF CHIMERIC CAPSID VECTORS
FILE REFERENCE: 102182-14
CURRENT APPLICATION NUMBER: US/09/804,898
PRIOR APPLICATION NUMBER: 60/189,110
PRIOR APPLICATION NUMBER: 60/189,110
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100.0%; Pred. No. 5.8e-28;
iive 0; Mismatches 0;
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US-09-804-898-1
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 1
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Best Local Similarity 100.0
Matches 125; Conservative
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Sequence 2, Application US/10427129

Publication No. US20040101514A1

GENERAL INFORMATION:

APPLICANT: Liu, Yuhong

APPLICANT: Luo, Jia

APPLICANT: Liu, Wanthew

TITLE OF INVENTION: High Transgene Expression of A Pseudotyped Adeno-Associated Virus

FILE REFERENCE: 102182-24

CURRENT FILING DATE: 2003-05-01

PRIOR APPLICATION NUMBER: 60/189,110

PRIOR APPLICATION NUMBER: 60/189,110

PRIOR PILING DATE: 2000-03-14

NUMBER OF SEQ ID NOS: 15

SOFTWARE: Patentin Version 3.0

SEQ ID NO S. 15

FORMATION OF SECOND 
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100.0%; Pred. No. 5.8e-28;
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                                                                                                                                                                                                                                                                                                                                                     ; TYPE: DNA
; ORGANISM: adeno-associated virus serotype 2
US-10-291-583-7
PRIOR FILING DATE: 2002-05-01
PRIOR APPLICATION NUMBER: US 60/386,675
PRIOR FILING DATE: 2002-06-05
NUMBER OF SEQ ID NOS: 120
SOFTWARE: PATENTIN VERBION 3.1
SEQ ID NO 7
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Patent No. US20020045264A1
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Best Local Similarity
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US-10-427-129-2
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US-09-804-898-1
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                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
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Sequence 1, Application US/10163886
Publication No. US20020187129A1
GENERAL INFORMATION:
APPLICANT: Johnson, Philip R.
TITLE OF INVENTION: Adeno-Associated Virus Materials and
Methods
                                                                                             Sequence 1, Application US/10077294
; Publication No. US20020159979A1
; GENERAL INDEWATION:
; APPLICANT: Johnson, Philip R.
TITLE OF INVENTION: Adeno-Associated Virus Materials and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPENTING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/691,604

FILING DATE: «Unknown»

ATTORNEY/AGENT INFORMATION:

NAME: No. US20020159979Aland, Greta E.

REGISTRATION UNBER: 31,302

REFERENCE/DOCKET NUMBER: 31975

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/077,294
FILING DATE: 15-Feb-2002
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 4680 base pairs
                                                                                                                                                                                                                                                                     Methods
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STRANDEDNESS: single
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Best Local Similarity 100.
Matches 125; Conservative
                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
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STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
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US-10-163-886-1
                                                                        US-10-077-294-1
                                         RESULT 34
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Publication No. US20030166593A1

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Chien, Kenneth

APPLICANT: Chien, Kenneth

APPLICANT: Hoshijima, Masahiko

TITLE OF INVENTION: No. US20030166593A1-viral vesicle vector for cardiac specific gen

FILE REFERENCE: 6627-PA1198

FULE REFERENCE: 6627-PA1198

CURRENT APPLICATION UNMBER: US/10/136,819

CURRENT FILING DATE: 2002-04-30

FRIOR FILING DATE: 2001-04-30

NUMBER OF SEQ ID NOS: 18

SOFTWARE: Patentin version 3.1

SEQ ID NO 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.0%; Score 125; DB 13; Best Local Similarity 100.0%; Pred. No. 5.8e-28; Matches 125; Conservative 0; Mismatches 0;
US-10-038-972A-12

Sequence 12, Application US/10038972A

Publication No. US20020192823A1

GENERAL INFORMATION:

APPLICANT: J. Bartlett

TITLE OF INVENTION: AAV VECTORS AND METHODS

FILE REFERENCE: 28335/3699GUS

CURRENT APPLICATION NUMBER: US/10/038,972A

CURRENT APPLICATION NUMBER: US 60/260,124

PRIOR APPLICATION NUMBER: 2002-01-04

PRIOR APPLICATION NUMBER: 2002-01-05

NUMBER OF SEQ ID NOS: 18

SOFTWARE: PatentIn version 3.1

LENGTH: 4679
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           , ORGANISM: adeno-associated virus 2 US-10-038-972A-12

    TYPE: DNA
    ORGANISM: adeno-associated virus 2
US-10-136-819-6

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US-10-136-819-6
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
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Publication No. US20030147912A1
GENERAL INFORMATION:
APPLICANT: Johnson, Philip R.
TITLE OF INVENTION: Adeno-Associated Virus Materials and Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 26-Feb-2003
CLASSIFICATION: <u >- CUnknown></u>
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 100.0%; Score 125; DB 14; Best Local Similarity 100.0%; Pred. No. 5.8e-28; Matches 125; Conservative 0; Mismatches 0;
                                                              CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/263,127
FILING DATE: 02-0ct-2002
CLASSIFICATION: «Unknown-
PRIOR APPLICATION NUMBER: US/10/077,294
FILING DATE: 15-Feb-2002
APPLICATION NUMBER: 09/691,604
FILING DATE: «Unknown-
ATTORNEY AGENT INFORMATION:
NAME: NO. US20030082145Aland, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 31975
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/10/163,886
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-6448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 4680 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
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STATE: Illinois
COUNTRY: USA
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                           ADDRESSEE: Marehall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
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ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun STREET: 6300 Sears Tower, 233 S. Wacker Drive CITY: Chicago STATE: Illinois COUNTRY: USA
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Publication No. US20030082145A1
GENERAL INFORMATION:
APPLICANT: Johnson, Philip R.
TITLE OF INVENTION: Adeno-Associated Virus Materials and
                                                                                                                                                                                                  CUMUNIX: USA

CUMUTER READABLE FORM:

MEDIUM TYPE: FLOPPY disk

COMPUTER: IBM PC Compatible

COMPUTER: IBM PC Compatible

COMPUTER: IBM PC COMPATIBLE

COMPUTER: IBM PC COMPATIBLE

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/163,886

FILING DATE: 04-Jun-2002

CLASSIFICATION: CUNKNOWN>

PRIOR APPLICATION OF COMPATION:

APPLICATION NUMBER: 09/292,703

FILING DATE: CUNKNOWN>

ATORNEY/AGENT INFORMATION:

NAME: NO. US20020187129Aland, Greta E.

REFERENCE/DOCKET NUMBER: 33,302

REFERENCE/DOCKET NUMBER: 31975

TELEPHONE: (312) 474-6300

TELEPRAX: (312) 474-6448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-163-886-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 4680 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Methods
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CORRESPONDENCE ADDRESS
                                                                                                         CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                      COUNTRY: USA
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Sequence 18, Application US/10696900
; Sequence 18, Application US20040057933A1
; Sequence 18, Application No. US2004005793A1
; GENERAL INFORMATION:
    APPLICANT: Wilson, James M.
    APPLICANT: Xiao, Weidong
; TITLE OF INVENTION: Adeno-Associated Virus Serotype I Nucleic Acid Sequences,
    TITLE OF INVENTION: Adeno-Associated Virus Serotype I Nucleic Acid Sequences,
    TITLE OF INVENTION: Adeno-Associated Virus Serotype I Nucleic Acid Sequences,
    TITLE OF INVENTION: Adeno-Associated Virus Serotype I Nucleic Acid Sequences,
    TITLE OF INVENTION: Vectors and Host Cells Containing Same
    FILE REFERENCE: GUVPN. 031USA
; CURRENT FILING DATE: 2003-10-30
; PRIOR APPLICATION NUMBER: US/09/807, 802A
; PRIOR PELING DATE: 1999-11-02
; PRIOR PELING DATE: 1999-11-02
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
LENGTH: 4681
                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 18, Application US/10696282;
Publication No. US20040657932A1;
GENERAL INFORMATION:
APPLICANT: Wilson, James M.
APPLICANT: Wilson, Weidong
TITLE OF INVENTION: Adeno-Associated Virus Serotype I Nucleic Acid Sequences,
TITLE OF INVENTION: Vectors and Host Cells Containing Same
TITLE OF INVENTION: US/10/696,282;
CURRENT APPLICATION NUMBER: US/10/696,282;
CURRENT FILING DATE: 2003-10-29;
PRIOR APPLICATION NUMBER: US/09/807,802A;
PRIOR FILING DATE: 1998-11-05;
PRIOR APPLICATION NUMBER: US/09/807,802A;
PRIOR APPLICATION NUMBER: PCF/US99/25694;
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100.0%; Pred. No. 5.8e-28;
iive 0; Mismatches 0;
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SOFWHARE: Patentin version 3.1
SEQ ID NO 18
LENGTH: 4681
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Best Local Similarity 100.0
Matches 125; Conservative
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US-10-696-282-18
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Publication No. US20040057931A1

GENERAL INFORMATION:
APPLICANT: Wilson, James M.
APPLICANT: Xiao, Weidong
TITLE OF INVENTION: Adeno-Associated Virus Serotype I Nucleic Acid Sequences,
TITLE OF INVENTION: Adeno-Associated Virus Serotype I Nucleic Acid Sequences,
TITLE OF INVENTION: Vectors and Host Cells Containing Same
FILE REFERENCE: GNVPN. 031USA
CURRENT APPLICATION NUMBER: US/09/807,802A

PRIOR FILING DATE: 2003-10-29

PRIOR FILING DATE: 1999-11-02

PRIOR FILING DATE: 1999-11-02

PRIOR FILING DATE: 1999-11-02

NUMBER OF SEQ ID NOS: 20

SOFTWARE: Patentin version 3.1

SEQ ID NO 18

LENGTH: 4681

TABLE TERMINED TO THE TERM
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         FILING DATE: 04-Jun-2002
APPLICATION NUMBER: 09/292,703
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: No. US20030147912Aland, Greta E.
REGISTRATION NUMBER: 35,302
REGISTRATION NUMBER: 35,302
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 100.0%; Score 125; DB 15; Best Local Similarity 100.0%; Pred. No. 5.8e-28; Matches 125; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-375-777-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 4680 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
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; ORGANISM: AAV-2
US-10-696-261-18
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US-10-50-70-70-127

Sequence 19, Application US/10696900

Publication No. US20040057933A1

GENERAL INFORMATION:

APPLICANT: Wilson, James M.

APPLICANT: Xiao, Weidong

TITLE OF INVENTION: Vectors and Host Cells Containing Same

TITLE OF INVENTION: Vectors and Host Cells Containing Same

TITLE OF INVENTION: Vectors and Host Cells Containing Same

TITLE OF INVENTION: Vectors and Host Cells Containing Same

FILE REFRENCE: GNVPN.031USA

CURRENT FILING DATE: 2003-10-30

PRIOR FILING DATE: 2002-02-21

PRIOR FILING DATE: 1998-11-05

PRIOR FILING DATE: 1998-11-02

PRIOR FILING DATE: 1998-11-02
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FILE REFERENCE: GNVPN.031USA
CURRENT APPLICATION NUMBER: US/10/696,282
CURRENT FILING DATE: 2003-10-29
FRIOR APPLICATION NUMBER: US/09/807,802A
PRIOR FILING DATE: 2002-02-21
PRIOR FILING DATE: 1998-11-05
PRIOR FILING DATE: 1998-11-02
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PetentIn version 3.1
SEQ ID NO 19
LENGTH: 4683
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SOFWARE: Patentin version 3.1
SEQ ID NO 19
LENGTH: 4683
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US-10-696-282-19
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| Publication No. US20040057931A1
| GENERAL INFORMATION;
| GENERAL INFORMATION;
| APPLICANT: Wilson, James M. |
| APPLICANT: Xiao, Weidong |
| TITLE OF INVENTION: Adeno-Associated Virus Serotype I Nucleic Acid Sequences, |
| TITLE OF INVENTION: Adeno-Associated Virus Serotype I Nucleic Acid Sequences, |
| TITLE OF INVENTION: Adeno-Associated Virus Serotype I Nucleic Acid Sequences, |
| TITLE OF INVENTION: Adeno-Associated Virus Serotype I Nucleic Acid Sequences, |
| FILE REFRENCE: 2003-10-29 |
| PRIOR APPLICATION NUMBER: US/09/807,802A |
| PRIOR APPLICATION NUMBER: US 60/107,114 |
| PRIOR FILING DATE: 1998-11-05 |
| PRIOR FILING DATE: 1998-11-05 |
| NUMBER OF SEQ ID NOS: 20 |
| SSOFTMARE: Patentin version 3.1 |
| LENGTH: 4683
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US-10-696-282-19
US-10-696-282-19
; Sequence 19, Application US/10696282
; Publication No. US20040057332A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, James M.; APPLICANT: Wilson, Weldong
; TITLE OF INVENTION: Adeno-Associated Virus Serotype I Nucleic Acid Sequences;
; TITLE OF INVENTION: Vectors and Host Cells Containing Same
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                                                                                                                                               Length 4681;
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                                                                                                                                               Query Match
100.0%; Score 125; DB 18;
Best Local Similarity 100.0%; Pred. No. 5.8e-28;
Matches 125; Conservative 0; Mismatches 0;
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; Pred. No. 5.8e-28;
0; Mismatches 0;
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100.0%;
Best Local Similarity 100.0%;
Matches 125; Conservative 0;
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; TYPE: DNA
; ORGANISM: AAV-2
US-10-696-900-18
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; ORGANISM: AAV-6
US-10-696-261-19
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Sequence 29, Application No. US20030171312A1

GENERAL INFORMATION:

APPLICANT: XIAO, XIAO

TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE

TITLE OF INVENTION: THEREOF

TITLE OF INVENTION: THEREOF

TITLE OF INVENTION: THEREOF

CURRENT APPLICATION NUMBER: US/09/845,416

CURRENT FILING DATE: 2001-04-30

PRIOR FILING DATE: 2000-04-28

NUMBER OF SEQ ID NOS: 36

SOFTWARE: PATCHIL VOF: 2.1
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US-09-845-416-29
US-09-845-416-29
Publication No. US20030171312A1
GENERAL INFORMATION:
TITLE OF INVENTION: DA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
TITLE OF INVENTION: THEREOF
TITLE OF INVENTION: THEREOF
TITLE OF INVENTION: THEREOF
TITLE OF INVENTION: THEREOF
TITLE APPLICATION NUMBER: US/09/845,416
CURRENT APPLICATION NUMBER: 60/200,777
PRIOR APPLICATION NUMBER: 60/200,777
PRIOR FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PATENTIN Ver. 2.1
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100.0%; Pred. No. 5.7e-28;
tive 0; Mismatches 0;
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Best Local Similarity 100.0
Matches 125; Conservative
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CORGANISM: Homo sapiens
US-09-845-416-29
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LENGTH: 4825
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                                                                                                  US-10-427-129-6

Sequence 6, Application US/10427129

Sequence 6, Application US/10427129

Publication No. US20040101514A1

GENERAL INFORMATION

APPLICANT: Liu, Yuhong

APPLICANT: Luo, Jia

APPLICANT: Luo, Jia

APPLICANT: During Matthew

TITLE OF INVENTION: High Transgene Expression of A Pseudotyped Adeno-Associated Virus

FILE REFERENCE: 102182-24

CURRENT APPLICATION NUMBER: US/10/427,129

FRIOR APPLICATION NUMBER: 09/804,898

PRIOR FILING DATE: 2000-03-13

PRIOR FILING DATE: 2000-03-14

NUMBER OF SEQ ID NOS: 15

SOFTWARE: Patentin version 3.0

SEQ ID NO 6

LENGTH: 4683
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| Caquence 2, Application US/10959017
| Publication No. US20050106125A1
| GENERAL INFORMATION:
| APPLICANT: PHILDOTT, NICOLA
| TITLE OF INVENTION: USE OF AAV INTEGRATION EFFICIENCY ELEMENT FOR MEDIATING
| TITLE OF INVENTION: USE OF AAV INTEGRATION OF A TRANSCRIPTION UNIT
| FILE REFERENCE: 230526
| CURRENT APPLICATION NUMBER: US/10/959,017
| CURRENT FILING DATE: 2004-10-05
| PRIOR FILING DATE: 2003-04-09
| CANMBER OF SEQ ID NOS: 6
| COFTWARE: Patentin version 3.2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: DNA
; ORGANISM: adeno-associated virus serotype 6
US-10-959-017-2
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; ORGANISM: adeno-associated virus 2
US-10-427-129-6
121 GCCAA 125
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Sequence 34, Application US/09845416
Publication No. US20030171312A1
GENERAL INFORMATION:
APPLICANT: XIAO, XIAO
TITLE OF INVENTION: THEREOF
FILE REPERENCE: DE1142
CURRENT APPLICATION NUMBER: US/09/845,416
CURRENT APPLICATION NUMBER: 60/200,777
PRIOR FILING DATE: 2001-04-30
PRIOR FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 34
                                                                                                                                                1 TTGGCCACTCCCTCTCTGCGCGCGCTCGCTCACTGAGGCCGGGCGACCAAGGTCGCC
                                                                                                                         1 TTGGCCACTCCCTCTCTGCGCGCTCGCTCACTGAGGCCGGGCGAACGTCGCC
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                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 28, Application US/09845416
| Sequence 28, Application US/09845416
| Publication No. US20030171312A1
| GENERAL INFORMATION:
| APPLICANT: XIAO, XIAO,
| TITLE OF INVENTION: THEREOF
| TITLE OF INVENTION: THEREOF
| TITLE OF INVENTION: THEREOF
| FILE REPRESENCE: DE1142
| CURRENT APPLICATION NUMBER: US/09/845,416
| CURRENT PILING DATE: 2001-04-30
| PRIOR PEPLICATION NUMBER: 60/200,777
| PRIOR FILING DATE: 2000-04-28
| NUMBER OF SEQ ID NOS: 36
| SOSTWARE: Patentin Ver. 2.1
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                                           Length 4966;
                                                                                  Indels
                                         100.0%; Score 125; DB 10;
100.0%; Pred. No. 5.7e-28;
ive 0; Mismatches 0;
                                           Query Match
Best Local Similarity 100.
Matches 125; Conservative
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CORGANISM: Homo sapiens
US-09-845-416-28
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US-09-845-416-28/c
    US-09-845-416-28
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LENGTH: 4966
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; Sequence 28, Application US.2030171312A1
; GENERAL INFORMATION:
; APPLICANT: XIAO,
; TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: DE1142
; CURRENT APPLICATION NUMBER: US/09/845,416
; CURRENT FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: 60/200,777
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 28
; LENTH, 4966
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                                                             regeteactgaggecgggegaccaaaggregee
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Publication No. US20030171312A1
GENERAL INFORMATION:
APPLICANT: XIAO, XIAO
TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE FILE REFERENCE: DE1142
FILE REFERENCE: DE1142
CURRENT APPLICATION NUMBER: US/09/845,416
CURRENT FILING DATE: 2001-04-30
PRIOR FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Patentin Ver. 2.1
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Best Local Similarity 100.0%; Pred. No. 5.7e-28; Matches 125; Conservative 0; Mismatches 0;
                                                           1 TIGGCCACICCCICI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Homo sapiens
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US-09-845-416-35/c
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LENGTH: 4848
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Length 5060; Indels 9

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Sequence 36, Application US/09845416
| Publication No. US20030171312A1
| Sequence 36, Application No. US20030171312A1
| GENERAL INFORMATION:
| APPLICANT: XIAO, XIAO
| TITLE OF INVENTION: THEREOF
| FILE REFERENCE: DEL142
| CURRENT APPLICATION NUMBER: 00/200,777
| PRIOR PILING DATE: 2000-04-28
| NUMBER OF SEQ ID NOS: 36
| SOFTWARE: PatentIn Ver. 2.1
| LENGTH: 5060
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Sequence 27, Application US/09845416

Sequence 27, Application No. US20030171312A1

Publication No. US20030171312A1

GENERAL INFORMATION:

APPLICANT: XIAO, XIAO

TITLE OF INVENTION: THEREOF

TITLE OF INVENTION: THEREOF

FILE REFERENCE: DE1142

CURRENT APPLICATION NUMBER: US/09/845,416
                                                                                                                                                 100.0%; Score 125; DB 10;
100.0%; Pred. No. 5.7e-28;
tive 0; Mismatches 0;
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                                                                                                                                                                                       Matches 125; Conservative
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Patentin Ver.
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CORGANISM: Homo sapiens
US-09-845-416-36
                                                                          TYPE: DNA
ORGANISM: Homo sapiens
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Best Local Similarity
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US-09-845-416-36/c
                   SOFTWARE: Paten
SEQ ID NO 36
LENGTH: 5060
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US-09-845-416-36
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Publication No. US20030171312A1
Publication No. US20030171312A1
APPLICANT: XIAO, XIAO
TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE FILE OF INVENTION: THEREOF
FILE REFERENCE: DE1142
CURRENT APPLICATION NUMBER: US/09/845,416
CURRENT PILING DATE: 2001-04-30
PRIOR FILING DATE: 2000-04-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 34, Application US/09845416
Publication No. US20030171312A1
Publication No. US20030171312A1
APPLICANT: XIAO, XIAO
TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
TITLE OF INVENTION: THEREOF
FILE REFERENCE: DE1142
CURRENT APPLICATION NUMBER: US/09/845,416
PRIOR PILING DATE: 2000-04-29
PRIOR FILING DATE: 2000-04-28
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Best Local Similarity 100.0%; Pred. No. 5.7e-28;
Matches 125; Conservative 0; Mismatches 0;
                                                                                            Query Match 100.0%; Score 125; DB 10; Best Local Similarity 100.0%; Pred. No. 5.7e-28; Matches 125; Conservative 0; Mismatches 0;
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 34
LENGTH: 4990
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CORGANISM: Homo sapiens
US-09-845-416-34
                     TYPE: DNA
ORGANISM: Homo sapiens
US-09-845-416-34
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     LENGTH: 4990
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APPLICANT: BYRNE, BARRY J.

APPLICANT: MORGAN, MICHAEL

TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REPERBNCE: 4300.01180/
CURRENT FILING DATE: 2002-10-08

PRIOR PILING DATE: 1999-04-23

PRIOR FILING DATE: 1999-04-23

PRIOR FILING DATE: BARLIER FILING DATE: 1998-04-24

NUMBER OF SEQ ID NOS: 13

SOFTWARE: PATENTIN VET. 2.0

SEQ ID NO 4

LENGTH.
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100.0%; Pred. No. 5.5e-28;
ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 4, Application US/10267117; Publication No. US20030082162A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                      TYPE: DNA OKCIficial Sequence
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Matches 125; Conservative
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Best Local Similarity 100.
Matches 125; Conservative
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18.09-48-21/C

19.09-49-40-21/C

19.09-49-40-21/C

19.09-49-40-21/C

19.09-49-40-21/C

19.09-49-40-28

19.09-69-40-28

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; Pred. No. 5.7e-28;
0; Mismatches 0;
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, Sequence 4, Application US/10267117
; Publication No. US20030082162A1
; GENERAL INFORMATION:
                                            CURRENT FILING DATE: 2001-04-30 PRIOR APPLICATION NUMBER: 60/200, PRIOR FILING DATE: 2000-04-28 NUMBER OF SEQ ID NOS: 36 SOFTWARE: Patentin Ver. 2.1
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Best Local Similarity 100.0%;
Matches 125; Conservative 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               : PatentIn Ver. 2.1
                                                                                                                                                  TYPE: DNA
CRGANISM: Homo sapiens
US-09-845-416-27
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LENGTH: 5149
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LENGTH: 5149
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; Sequence of Application US/10340112
; Publication No. US2030095949A1
; GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: SONG, SIHONG
APPLICANT: BYRNE, BARRY J.
APPLICANT: BYRNE, BARRY J.
TILLE OF INVENTION: MATERALES AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300.011800
CURRENT FILING DATE: 2000.01.00
; PRIOR PAPLICATION NUMBER: US/10/340,112
CURRENT FILING DATE: 2000.01.10
; PRIOR PAPLICATION NUMBER: BARLIER APPLICATION NUMBER: 60/083,025
; PRIOR PAPLICATION NUMBER: EARLIER APPLICATION NUMBER: BARLIER
NUMBER OF SEQ ID NOS: 13
; SEQ ID NO 4
LENGTH: 5932
                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 4, Application US/10340112
; Sequence 4, Application US/10340112
; Publication No. US20030095949A1
; Publication No. US20030095949A1
; GENERAL INFORMATION:
; APPLICANT: SONG, SIHONG
; APPLICANT: BYRNE, BARRY J.
APPLICANT: BYRNE, MICHAEL
; TILLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300.011800
; CURRENT APPLICATION NUMBER: US/10/340,112
; CURRENT FILING DATE: 2003.01-10
; PRIOR PILING DATE: 1999-04-23
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PALENTIN VET: 2.0
; SEQ ID NO 4
; LENGTH: 5932
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Best Local Similarity 100.0%; Pred. No. 5.5e-28;
Matches 125; Conservative 0; Mismatches 0; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Description of Artificial Sequence:p43C-ATUS-10-340-112-4
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                              2958 GCCAA 2954
                                                                                                                                        121 GCCAA 125
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US-10-340-112-4
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86.4 7015 3 US-09-770-315-1 Sequence 1, 86.4 7015 3 US-09-770-315-3 Sequence 1, 86.4 7057 3 US-09-770-315-3 Sequence 1, 86.4 7557 3 US-09-770-315-3 Sequence 1, 86.4 7557 3 US-09-770-315-3 Sequence 2, 83.4 272 3 US-09-276-625-4 Sequence 1, 78.2 145 3 US-09-276-625-4 Sequence 1, 78.2 145 3 US-08-702-573-4 Sequence 1, 78.2 145 3 US-08-702-573-4 Sequence 1, 78.2 145 3 US-08-702-573-4 Sequence 1, 78.2 165 2 US-08-702-573-4 Sequence 1, 78.2 165 3 US-08-702-573-3 Sequence 1, 78.2 1680 2 US-08-702-573-3 Sequence 1, 78.2 1680 2 US-08-702-573-3 Sequence 1, 78.2 1680 3 US-09-70-118-1 Sequence 1, 78.2 1680 3 US-09-70-118-1 Sequence 1, 78.2 1680 3 US-09-34-110A-1 Sequence 1, 75.7 5885 4 US-09-200-003A-1 Sequence 1, 75.7 5885 4 US-09-207-55-5-5-5-5-5-5-5-5-5-5-5-5-5-5-5-5-5-	3 US-09-532-5948-1 Sequence 1, 3 US-09-234-10A-2 Sequence 2, 3 US-09-234-10A-2 Sequence 2, 4 US-08-308-949A-4 Sequence 1, 4 US-08-308-949A-4 Sequence 1, 4 US-08-308-949A-4 Sequence 1, 3 US-09-532-594B-6 Sequence 1, 3 US-09-532-594B-6 Sequence 1, 3 US-09-532-594B-1 Sequence 1, 3 US-09-532-594B-2 Sequence 1, 3 US-09-532-594B-2 Sequence 1, 3 US-09-532-594B-2 Sequence 1, 3 US-08-702-573-1 Sequence 1, 3 US-08-702-573-6 Sequence 1, 3 US-08-702-573-6 Sequence 1, 3 US-08-702-573-1 Sequence 1, 3 US-08-703-703-703-703-703-703-703-703-703-703

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Sequence 4, Application US/08702573
Sequence 4, Application US/08702573
Patent No. 6033865
GENERAL INFORMATION:
APPLICANT: LATTA, Martine
APPLICANT: DENEFLE, Patrice
APPLICANT: VIGNE, Emmanuelle
APPLICANT: PERRICAUDET, Michel
TITLE OF INVENTION: PREPARATION THEREOF AND THERAPEUTICAL USES THEREOF
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Rd. 3C43
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release q.0, Version q.25
CURRENT APPLICATION DATA:
PLILING DATE: 19911118
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MCNULLY, William E.
REGISTRAITON NUMBER: 22,606
REFERENCE/DOCKET NUMBER: 8361
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 145 ASSIGNED SANS UR
INFORMATION POR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 145 base pairs
TYPE: NUCLEIC ACID
COMPUTER: ALS DESCRIPTION:
TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATETTIN Release #1.0, Version #1.30
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100.0%; Pred. No. 8.5e-25;
ative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/702,573
FILING DATE: CLASSIFICATION: 424
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.
Matches 125; Conservative
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STATE: PA
COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
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US-08-702-573-4
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                                                                  Sequence 13696, A Sequence 14891, A Sequence 12264, A Sequence 13138, A Sequence 2, Appli Sequence 9548, Ap Sequence 9548, Ap Sequence 9548, Ap Sequence 482, Appli Sequence 482, Appli Sequence 482, Appli Sequence 482, Appli Sequence 817, Appli Sequence 817, Appli Sequence 817, Appli
                                                                                                                                                                                                                                                                 Sequence 1556, A
Sequence 15119, A
Sequence 1518, A
Sequence 1531, Ap
Sequence 16378, A
Sequence 1731, A
Sequence 1731, A
Sequence 17361, A
Sequence 1, Appli
Sequence 3, Appli
Sequence 3, Appli
Sequence 1202, Ap
Sequence 1253, Ap
Sequence 1253, Ap
Sequence 1615, A
Sequence 1615, A
Sequence 1616, App
Sequence 1616, Appl
Sequence 1611, A
Sequence 35, Appli
Sequence 1611, A
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Sequence 11895, A
Sequence 13723, A
Sequence 15601, A
Sequence 94, Appl
Sequence 1900, Ap
Sequence 1900, Ap
Sequence 14546, A
Sequence 14546, A
                                       Sequence 1
Sequence 5
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Sequence 2
Sequence 9
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Sequence 1, Application US/07789917A

Patent No. 525479

GENERAL INFORMATION:
APPLICANT: Srivastava, Arun
TITLE OF INVENTION: SAFE VECTOR FOR GENE THERAPY
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy Presser
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-195-6748-3
US-09-731-166-3
US-09-902-540-1202
US-09-9102-540-1253
US-09-9190-016-13165
US-09-949-016-13165
US-09-949-016-13165
US-09-949-016-13185
US-09-949-016-13185
US-09-949-016-13185
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US-09-252-991A-9500
US-09-902-540-482
US-09-949-016-16566
US-09-949-016-16566
US-09-949-016-12557
US-09-949-016-12257
US-09-949-016-12368
US-09-949-016-12378
US-09-949-016-12147
US-09-949-016-12147
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US-09-949-016-12264
US-09-949-016-14168
US-09-949-016-13338
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US-09-949-016-15910
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US-09-949-016-15601
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US-09-103-840A-1
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US-08-306-691B-35
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81701 4
94855 4
21490 4
25709 4
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17085
70308
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Gaps

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                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 145;
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MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/982,193
FILING DATE: 19921125
CLASSIFICATION: 435
ATTORNEY/AGENT INPORMATION:
NAME: MCNULLY, William E.
REGISTRATION NUMBER: 22,606
REGISTRATION NUMBER: 22,606
REFREENCE/DOCKET NUMBER: 8361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:

APPLICANT Stivatesva, Arun

APPLICANT Stivatesva, Arun

TITLE OF INVENTION: SAFE VECTOR FOR GENE THERAPY

NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:

ADDRESSE: ADDRESSE: ADDRESSE: ADDRESSE: ADDRESSE: SCUlly, Scott, Murphy & Presser

STREET: 400 Garden City Plaza

CITY: Garden City

STATE: New York

COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Score 125; DB 3;
; Pred. No. 8.5e-25;
0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 1, Application US/07982193
Patent No. 6261834
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TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELERAX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                          TELEPAX: (415) 327-3231
; INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 145 base pairs
TYPE: nucleic acid
STRANUEDNESS: single
; TOPOLOGY: linear
US-08-525-866-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 145 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity 100. Matches 125; Conservative
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         TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-07-982-193-1
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APPLICANT: NATSOULIS, GEORGES
APPLICANT: FUROSKY, RICHARD T.
TITLE OF INVENTION: TARGETED NUCLEOTIDE SEQUENCE DELIVERY
TITLE OF INVENTION: TARGETED NUCLEOTIDE SEQUENCE DELIVERY
TITLE OF INVENTION: AND INTEGRATION SYSTEM
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: REED & ROBINS
STREET: 285 Hamilton Avenue, Suite 200
GITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/525,866
FILING DATE: 08-52F-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: ROBENTA INFORMATION:
REFERENCE/DOCKET NUMBER: 33,208
REFERENCE/DOCKET NUMBER: 0800-0006
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LOCATION: 1..145
OTHER INFORMATION: /note= "Minimal ITR Sequence"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 100.0%; Score 125; DB 3; Best Local Similarity 100.0%; Pred. No. 8.5e-25; Matches 125; Conservative 0; Mismatches 0;
APPLICATION NUMBER: FR 94/02445
FILING DATE: 03-MAR-1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRILING DATE: 28-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Smith Ph.D., Julie K.
REGISTRATION NUMBER: 38,619
REGISTRATION NUMBER: 38,619
REGISTRATION NUMBER: 38,619
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPAN: (610)454-3808
INFORMATION FOR SEG ID NO: 4:
ENGETH: 145 base pairs
INFORMATION FOR SEG ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 145 base pairs
TYPE: NUMBER: 600ble
STRANDEDNESS: double
TOPPLOMENT INFORMATION:
TOPP
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
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Patent No. 6207457
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ADDRESSE:
ADDRESSE:
ADDRESSE:
ATTENT: New York
STATE: New York
STATE: New York
STATE: 1036-2713
COUNTRY: U.S.A.
ZIP: 10036-2713
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER READABLE FORM:
MEDIUM TOWN TOWN TOWN TOWN
MEDIUM TOWN
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APPLICANT: Samulski, R. J.
APPLICANT: Xiao, X.
TITLE OF INVENTION: Recombinant Viral Vector System
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1, Application US/07989841A Patent No. 5478745
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MOLECULE TYPE: DNA (genomic)
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Sequence 1, Application US/08440738A
Patent No. 586305
GENERAL INFORMATION:
APPLICANT: Samulski, R. J.
APPLICANT: Samulski, R. J.
TITLE OF INVENTION: Recombinant Viral Vector System NUMBER OF SEQUENCES: 6
CORRESPONDENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                            CITY: New York
COUTRY: US.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/440,738A
FILING DATE: May 15, 1995
CLASSIFICATION: 435
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Patent No. 6057152

GENERAL INFORMATION:
APPLICANT: Samulaki, R.
TITLE OF INVENTION: RECOMBINANT VIRAL VECTOR SYSTEM
FILE REFERENCE: 6636-027

CURRENT APPLICATION NUMBER: US/08/471,914A

CURRENT FILING DATE: 1995-06-06

EARLIER FILING DATE: 1995-05-15

NUMBER OF SGO ID NOS: 13

SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REPERNICH/DOCKET NUMBER: 6636-022
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (212) 869-8864/974
TELEX: 66141 PENNIE
INFORMATION FOR SEQ 1D NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 165 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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MOLECULE TYPE: DNA (genomic)
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US-08-471-914-1
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TITLE OF INVENTION: INTEGRATIVE RECOMBINANT ADENOVIRUSES,
TITLE OF INVENTION: PREPARATION THEREOF AND THERAPEUTICAL USES THEREOF
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSE: ADDRESSE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/702,573
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 94/02445
FILING DATE: 03-MAR-1994
PRIOR APPLICATION NUMBER: WO PCT/FR95/00233
FILING DATE: 28-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Smith Ph. D., Julie K.
REGISTRATION NUMBER: 38,619
REFERENCE/DOCKET NUMBER: 38,619
TELECOMMUNICATION:
TELECOMMUNICATION:
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MOLECULE TYPE: other nucleic acid
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Patent No. 5658785
GENERAL INFORMATION:
APPLICANT: Johnson, Philip R.
TITLE OF INVENTION: Adeno-Associ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
LOCATION: 1..192
OTHER INFORMATION: /note= "F
Patent No. 6033885
OTHER INFORMATION: pXL2384"
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TELEFAX: (610)454-3808
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 192 base pairs
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STRANDEDNESS: double
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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US-08-702-573-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
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US-09-276-625-7

Sequence 7, Application US/09276625

Sequence 7, Application US/09276625

Batent No. 6436392

GENERAL INFORMATION:

APPLICANT: Engelhardt, John F.

APPLICANT: Engelhardt, John F.

TITLE OF INVENTION: Adeno-associated virus vectors

FILE REFERENCE: 875.007051

CURRENT FALING DATE: 1999-03-25

PRIOR APPLICATION NUMBER: US 60/086,166

PRIOR FILING DATE: 1998-05-20
                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 125; DB 3;
100.0%; Pred. No. 8.5e-25;
iive 0; Mismatches 0;
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 3, Application US/08702573
Patent No. 6033885
GENERAL INFORMATION:
APPLICANT: LATTA, Martine
APPLICANT: VIGNE, Patrice
APPLICANT: VIGNE, Emmanuelle
                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 100.
Matches 125; Conservative
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Best Local Similarity
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SEQ ID NO 7
LENGTH: 165
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US-08-702-573-3
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US-08-471-914-1
                                     LENGTH: 165
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Patent No. 5868775

GENERAL INFORMATION:

APPLICANT: Johnson, Philip R.

TITLE OF INVENTION: Adeno-Associated Virus Materials and TITLE OF INVENTION: Methods

NUMBER OF SEQUENCES: 3

CORRESPONDENCE ADDRESS:

ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun STREET: 6300 Sears Tower, 233 S. Wacker Drive

CITY: Chicago

STRATE: Illinois

COUNTRY: USA

ZIP: 60606
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CARRENY APPLICATION DATA:
APPLICATION NUMBER: US/08/709,609
FILING DATE:
                                                                                APPLICATIC...
PILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: No. 5786211and, Greta E.
REGISTRATION NUMBER: 35,302
REPERROKE/OCKET NUMBER: 31975
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELERAX: (312) 474-6300
TELERAX: (312) 474-0448
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 4680 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
  APPLICATION NUMBER: US/08/475,391
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ATORNEY/AGENT INFORMATION:
NAME: NO. 5858775and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 31975
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEEXX: 25-3856
                  FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/254,358
                                                                                                                                                                                                                                                                                                                                                                                                                         ; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-475-391-1
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US-08-709-609-1
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                                    ADDRESSER: Marchall, O'Toole, Gerstein, Murray & Borun STREET: 6300 Sears Tower, 233 S. Wacker Drive CITY: Chicago STATE: 111inois COUNTRY: USA ZIP: 60606 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible COMPUTER: PatentIn Release #1.0, Version #1.25 CURRANE: PatentIn Release #1.0, Version #1.25 CURRANE: PATENTION NUMBER: US/08/254,358
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 125; DB 1; Length 4680; 100.0%; Pred. No. 1e-24; tive 0; Mismatches 0; Indels 0
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Patent No. 5786211

GENERAL INFORMATION:
APPLICANT: Johnson, Philip R.
TITLE OF INVENTION: Methods
TITLE OF INVENTION: Methods
TITLE OF SEQUENCES:
ADDRESSE: Marshall, O'Toole, Gerstein, Murray & Borun STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
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                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: NO. 5658785and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 31975
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEPHONE: (312) 474-6300
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 4680 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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Best Local Similarity 100.0
Matches 125; Conservative
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
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US-08-475-391-1
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121 GCCAA 125
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US-09-807-802A-19
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llarity 100.0%; Pred. No. 1e-24;
Conservative 0; Mismatches 0; Indels 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun STREET: G300 Sears Tower, 233 S. Wacker Drive CITY: Chicago STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1, Application PC/TUS9507178
GENERAL INFORMATION:
APPLICANT: Johnson, Philip R.
ATTLE OF INVENTION: Adeno-Associated Virus Materials and
TITLE OF INVENTION: Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STAIL.

COUNTRY: 0.0...

ZIP: 6060 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: PLOPPY disk
SOFTWARE: PLOPS/MS-DOS
SOFTWARE: PATENTIN RELEASE #1.0, Version #1.25
CURRENT APPLICATION DATA:
PILING DATE:
CLASSIPICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Noland, Greea E.
REFERENCE/DOCKET NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 35,302
REFERENCE/COCKET NUMBER: 31975
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 4680 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                TYPE: nucleic acid

FTRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-709-609-1
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MOLECULE TYPE: DNA (genomic)
INFORMATION FOR SEQ ID NO: 1:
                             SEQUENCE CHARACTERISTICS:
LENGTH: 4680 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall,
                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 125; Conserv
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                                                                                                                                                                                                                      ; OTHER INFORMATION: Description of Artificial Sequence:p43C-ATUS-09-299-141-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-299-141-8

Sequence B, Application US/09299141

Sequence B, Application US/09299141

Sequence B, Application US/09299141

GENERAL INCORMATION:

APPLICANT: FLOTTE, TERENCE R.

APPLICANT: SONG, SIHONG

APPLICANT: MORGAN, MITHAEL

TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY

FILE REFERENCE: 4300.011800

CURRENT APPLICATION NUMBER: US/09/299,141

CURRENT APPLICATION NUMBER: 60/083,025

EARLIER RILING DATE: 1998-04-24

NUMBER OF SEQ ID NOS: 13

SOFTWARE: Patentin Ver. 2.0

SEQ ID NOS

TENETH. OS: 113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: PLASMID OTHER INFORMATION: p43msENC-AT
                                                                                                                                                                                                                                                                                                                             0, Indels
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                                                                                                                                                                                                                                                                                 Query Match
100.0%; Score 125; DB 3;
Best Local Similarity 100.0%; Pred. No. 1e-24;
Matches 125; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 125; DB 3;
100.0%; Pred. No. 1e-24;
iive 0; Mismatches (
CURRENT APPLICATION NUMBER: US/09/299,141
CURRENT FILING DATE: 1999-04-23
EARLIER APPLICATION NUMBER: 60/083,025
EARLIER FILING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100.
Matches 125; Conservative
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                                                                                                                      SEQ ID NO 4
LENGTH: 5932
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                      FEATURE:
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                                                            DB 4; Length 4683;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Description of Artificial Sequence:p43C-ATUS-09-299-141-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: FLOTTE.
APPLICANT: SONG, SIHONG
APPLICANT: SONG, SIHONG
APPLICANT: STRINE, BARRY J.
APPLICANT: HORGAN, MICHAEL
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300,011800
CURRENT PAPLICATION NUMBER: US/09/299,141
CURRENT FILING DATE: 1999-04-23
EARLIER APPLICATION NUMBER: 60/083,025
FEARLIER FILING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTIN VET. 2.0
                                                            100.0%; Score 125; DB 4; Length 4
100.0%; Pred. No. 1e-24;
ive 0; Mismatches 0; Indels
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Patent No. 6461606
GENERAL INFORMATION:
APPLICANT: FLOTTE, TERENCE R.
APPLICANT: BYRNE, BARRY J.
APPLICANT: WORGAN, MICHAEL
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300.011800
                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 4, Application US/09299141
Patent No. 6461606
GENERAL INFORMATION:
                                                          Query Match
Best Local Similarity 100.0%;
Matches 125; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
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  ; ORGANISM: AAV-6
US-09-807-802A-19
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LENGTH: 5932
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FILING DATE: 18-JAN-1996
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FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-893-327-15/c
                                                                                                                                                                                                                                                                                                                   NAME/KEY:
; LOCATION:
US-08-893-327-15
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Best Local Similarity 100.0%; Pred. No. 1e-24;
Matches 125; Conservative 0; Mismatches 0; Indels 0
                                                 Sequence 8, Application US/09299141

Sequence 8, Application US/09299141

Patent No. 6461606

GENERAL INFORMATION:

APPLICANT: HOTTE, TERENCE R.

APPLICANT: BYRNE, BARRY J.

APPLICANT: BYRNE, BARRY J.

TITLE OF INVENTION: MICHAEL

TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300.01180

CURRENT APPLICATION NUMBER: US/09/299,141

CURRENT PILING DATE: 1999-04-23

EARLIER APPLICATION NUMBER: 60/083,025

BARLIER PILING DATE: 1999-04-24

NUMBER OF SEQ ID NOS: 13

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 8

LENGTH: 6142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Description of Artificial Sequence:PLASMID; OTHER INFORMATION: p43msENC-AT
US-09-299-141-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Zolotukhin, Sergei
APPLICANT: Hauswirth, William W.
APPLICANT: Hauswirth, William W.
APPLICANT: Muzyczka, Nicholas
TITLE OF INVENTION: Humanized Green Fluorescent Protein
TITLE OF INVENTION: Genes and Methods
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSE: Arnold, White & Durkee
STRET: P. O. Box 4433
CITY: Houston
STATE: T. O. Box 4433
COUNTRY: USA
ZIP: 77210-4433
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OMPUTER: IBM PC compatible
OMPUTER: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/893,327
APPLICATION NUMBER: US/08/893,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/588,201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 15, Application US/08893327
Patent No. 6020192
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
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                                            US-09-299-141-8/C
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                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 15, Application US/08893327

Patent No. 6020192

GENERAL INFORMATION:
APPLICANT: ALOLUKhin, Sergei
APPLICANT: Hauswirth, William W.
APPLICANT: Hauswirth, William W.
APPLICANT: Hauswirth, Wicholas
TITLE OF INVENTION: Genes and Methods
ITILE OF INVENTION: Genes and Methods
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P. O. Box 4433
CITY: Houston
STREET: TX
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ZIP: 77210-4433
ZIP: 77210-4433
ZIP: 77210-4433
ZIP: 77210-4433
ZIP: 77210-4433
COMPUTER TABABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMpatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/893,327
AFTORNEY AGENT INFORMATION:
NAME: Kitchell, Barbara S.
REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: 3,928
TELECOMMUNICATION INFORMATION:
TELEFAME: (113) 789-2679
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 6253 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/588,201
FILING DATE: 18-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kitchell, Barbara S.
REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: UFLA.062\KITTELEPHONE: (512) 418-3000
TELEPHONE: (713) 789-2679
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                                                                                                         0; Gaps
                                                               Query Match 100.0%; Score 125; DB 3; Length 6280; Best Local Similarity 100.0%; Pred. No. 1e-24; Matches 125; Conservative 0; Mismatches 0; Indels 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 17, Application US/08893327

Fatent No. 6020192

GENERAL INFORMATION:
APPLICANT: Zolotukhin, Sergei
APPLICANT: Hauswirth, William W.
APPLICANT: Muzyczka, Nicholas
TITLE OF INVENTION: Humanized Green Fluorescent Protein
TITLE OF INVENTION: Genes and Methods
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE Arnold, White & Durkee
STREET: P. O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
ZIP: 77210-4433
COMPUTER REDABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/893,327
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FILING DATE:
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/588,201
FILING DATE: 18-JAN-1996
ATTORNEY/AGBNT INFORMATION:
NAME: Kitchell, Barbara S.
REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: UFLA:062\KIT
TELEPHONE: (512) 418-3000
TELEPHONE: (512) 418-3000
TELEPHONE: (713) 789-2679
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 6280 base pairs

"TELEFAX: nucleic acid
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988..1728
  , LOCATION: 988..1728
US-08-893-327-17
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US-08-893-327-17
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APPLICANT: Solotukhin, Sergei
APPLICANT: Zolotukhin, Sergei
APPLICANT: Hauswirth, William W.
APPLICANT: Hauswirth, William W.
TITLE OF INVENTION: Humanized Green Fluorescent Protein
TITLE OF INVENTION: Genes and Methods
NUMBER OF SQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P. O. Box 4433
STREET: TX
                                                                                                                                                                                                                                Query Match
Best Local Similarity 100.0%; Pred. No. 1e-24;
Matches 125; Conservative 0; Mismatches 0; Indels 0
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ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMpatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/893,327
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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/588,201
FILING DATE: 18-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kitchell, Barbara S.
REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: UFLA:062\KIT
TELEPHONE: (712) 789-2679
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
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Patent No. 6020192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 6280 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 6253 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                              6253 base pairs
                                                                                                                                               ; NAME/KEY: CDS
; LOCATION: 988..1701
US-08-893-327-15
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NAME/KEY:
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US-08-893-327-17
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UFLA:062\KIT
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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 18-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kitchell, Barbara S.
REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: UFLA:062\K
TELECPMONICATION INFORMATION:
SEQUENCE CHARACTERISTICS:
CONTROL OF THE STATEMENT 
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Best Local Similarity 100.
Matches 125; Conservative
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EDNESS: single
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STRANDEDNESS:
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LOCATION:
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US-09-299-141-1
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3427 TTGGCCACTCCCTCTCTGCGCGCTCGCTCACTGAGGCCGGGCGGACCAAAGGTCGCC 3368
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Pred. No. 1e-24;
; Mismatches 0; Indels 0
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APPLICANT: Hauswirth, William W.
APPLICANT: Hauswirth, William W.
APPLICANT: Muzyczka, Nichola
TITLE OF INVENTION: Humanized Green Fluorescent Protein
TITLE OF INVENTION: Genes and Methods
CORRESPONDENCES: 20
CORRESPONDENCES ADDRESS:
ADDRESSEE: Arnold White & Durkee
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APPLICATION NUMBER: US/08/893,327
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CLASSIFICATION 514

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/588,201

FILING DATE: 18-JAN-1996

ATTORNEY/AGBNT INFORMATION:

NAME: Kitchell, Barbara S.

REGISTRATION NUMBER: 33,928

REFERRNCE/DOCKET NUMBER: UFLA:062\KIT

TELECOMMUNICATION INFORMATION:

TELEPHONE: (512) 418-3000

TELECOMMUNICATION INFORMATION:

TELEPHONE: (512) 418-3000

TELEPHONE: (512) 418-3000

TELEPHONE: (512) 418-3000

TELEPHONE: (513) 789-2679

INFORMATION FOR SEQ ID NO: 19:

SEQUENCE CHARACTERISTICS:

LENGTH: 6280 base pairs

TYPE: nucleic acid
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CITY: Houston
STATE: TX
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ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-893-327-19
; Sequence 19, Application US/08893327
Patent No. 6020192
; GENERAL INFORMATION:
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Best Local Similarity 100.0%; P. P. Matches 125; Conservative 0;
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988..1728
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LOCATION:
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3427 TTGGCCACTCCCTCTCTGCGCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC 3368
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; Sequence 19, Application US/08893327; Sequence 19, Application US/08893327; Patent No. 6020192; Patent No. 6020192; GENERAL INFORMATION: APPLICANT: All Manayora Maryora Maryora Maryora Maryora Maryora Maryora Maryora Manayora 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: TX
COUNTRY: USA
ZIP: 77210-44433
COMPUTER READBLE FORM:
MEDIUW TYPE: Floppy disk
COMPUTER: IBM PC COMPALIDLE
ODERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/893,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 125; DB 3;
100.0%; Pred. No. 1e-24;
tive 0; Mismatches 0;
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1 TTGGCCACTCCCTCTCTGCGCGCTCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC 60
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                                                                                                                                                                                                                                                  Sequence 6, Application US/09299141

Patent No. 6461606

GENERAL INFORMATION:

APPLICANT: FLOTTE, TERENCE R.

APPLICANT: BORGAN, MICHAEL

ITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE OF INVENTION: MATERIALS AND METHODS

CURRENT APPLICATION NUMBER: US/09/299,141

CURRENT FILING DATE: 1999-04-23

EARLIER APPLICATION NUMBER: 60/083,025

EARLIER FILING DATE: 1999-04-24

NUMBER OF SEQ ID NOS: 13

SOFTWARE: PatentIN Ver. 2.0

SEQ ID NO 6

LENGTH: 6714
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: PLASMID OTHER INFORMATION: p43CB-AT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 6, Application US/09299141
; Betent No. 6461606
; GENERAL INFORMATION:
    APPLICANT: FLOTTE, TREENCE R.
    APPLICANT: SONG, SIRONG
    APPLICANT: BYRNE, BARRY J.
    APPLICANT: BYRNE, BARRY J.
    APPLICANT: MONGGAN, MICHAEL
    TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
    FILE REFERENCE: 4300.011800
    CURRENT APPLICATION NUMBER: US/09/299,141
    CURRENT FILLING DATE: 1999-04-23
    EARLIER APPLICATION NUMBER: 60/083,025
    EARLIER FILLING DATE: 1999-04-24
    NUMBER OF SEQ ID NOS: 13
    SOFTWARE: PATENTIN VEI. 2.0
    SEQ ID NO 6
    LENTHER FILLING THE METHOR OF THE METHOR OF
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ORGANISM: Artificial Sequence
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                                                               121 GCCAA 125
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US-09-299-141-6/c
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US-09-299-141-6
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Patent No. 6461606

GENERAL INFORMATION:
APPLICANT: SONG, SIHONG
APPLICANT: SONG, SIHONG
APPLICANT: MORGAN, MICHARL
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300.011800
CURRENT FILING DATE: 1999-04-23
CURRENT FILING DATE: 1999-04-23
EARLIER APPLICATION NUMBER: 60/083,025
EARLIER FILING DATE: 1999-04-24
NUMBER OF SEQ ID NOS: 13

SOFTWARE: PatentIn Ver. 2.0
                                                  APPLICANT: SONG, SIHONG
APPLICANT: SONG, SIHONG
APPLICANT: BYRNE, BARRY J.
APPLICANT: BYRNE, BARRY J.
TITLE ON TOWNER SING, MICHAEL
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300,011800
CURRENT PILLING DATE: 1999-04-23
EARLIER APPLICATION NUMBER: 60/083,025
BARLIER APPLICATION NUMBER: 60/083,025
BARLIER OF SEQ ID NOS: 13
SOFTWARE: PATENTIN Ver. 2.0
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0; Mismatches 0; Indels
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Best Local Similarity 100.0%;
Matches 125; Conservative 0
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US-09-299-141-1/C
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| Sequence 10, Application US/09299141
| Patent No. 6461606
| GENERAL INPORMATION:
| APPLICANT: SONG, SIRONG
| APPLICANT: BYRNE, BARRY J.
| APPLICANT: BYRNE, BARRY J.
| APPLICANT: MORGAN, MICHAEL
| TITLE OF INVENTION: WATERIALS AND METHODS FOR GENE THERAPY
| TITLE OF INVENTION: WATERIALS AND METHODS FOR GENE THERAPY
| TITLE OF INVENTION: WHERE: US/09/299,141
| CURRENT APPLICATION WUMBER: 60/083,025
| EARLIER FILING DATE: 1999-04-23
| WUMBER OF SEQ ID NOS: 13
| SOFTWARE: PATENTIN VE: 2.0
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llarity 100.0%; Pred. No. 1e-24;
Conservative 0; Mismatches 0;
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Pred. No. 1e-24;
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                                       CURRENT APPLICATION NUMBER: US/09/299,141
CURRENT FILING DATE: 1999-04-23
EARLIER APPLICATION NUMBER: 60/083,025
EARLIER FILING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SEQ ID NO 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
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FILE REFERENCE: 4300.011800
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Best Local Similarity 100.
Matches 125; Conservative
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Best Local Similarity
Matches 125; Conserv
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                                                                                                                                                                 Length 6714;
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Patent No. 6461606

GENERAL INCOMMATION:
APPLICANT: FICOTE. TERENCE R.
APPLICANT: SONG, SIHONG
APPLICANT: MICHAEL
TILE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300.011800
CURRENT APPLICATION NUMBER: US/09/299,141
CURRENT PILLING DATE: 1999-04-23
EARLIER PILLING DATE: 1999-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTIN OF: 2.0
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APPLICANT: FLOTTE, TERENCE R.
APPLICANT: SONG, SIHONG
APPLICANT: BYRNE, BARRY J.
APPLICANT: MORGAN, MICHAEL
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
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Best Local Similarity 100.0%; Pred. No. 1e-24;
Matches 125; Conservative 0; Mismatches 0;
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; OTHER INFORMATION: p43CB-AT
US-09-299-141-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: FLOTTE, TERENCE R.
APPLICANT: SONG, SIHONG
APPLICANT: BYRNE, BARRY J.
APPLICANT: BYRNE, BARRY J.
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENT APPLICATION NUMBER: US/09/299,141
CURRENT FILING DATE: 1999-04-23
CURRENT FILING DATE: 1999-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PALENTIN Ver. 2.0
SEQ ID NO 11
LENGTH: 6924
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; Batent No. 6461606
; GENERAL INFORMATION:
; APPLICANT: FLOTTE: TERENCE R.
; APPLICANT: SONG, SIHONG
; APPLICANT: MORGAN, MICHAEL
; TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300.011800
; CURRENT APPLICATION NUMBER: US/09/299,141
; CURRENT FILING DATE: 1999-04-23
; EARLIER APPLICATION NUMBER: 60/083,025
100.0%; Pred. No. 1e-24; ive 0; Mismatches 0; Indel8
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ORGANISM: Artificial Sequence
Best Local Similarity 100.
Matches 125; Conservative
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                                                                                                                                               GENERAL INFORMATION:
APPLICANT: FLOTTE, TERENCE R.
APPLICANT: SONG, SIHONG
APPLICANT: BYRNE, BARRY J.
APPLICANT: WORGAN, MICHAEL
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300.011800
CURRENT FILING DATE: 1999-04-23
EARLIER APPLICATION NUMBER: 60/083,025
EARLIER FILING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 10
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APPLICANT: FLOTTE, TERENCE R.
APPLICANT: STORG, SIRIONG
APPLICANT: SONG, SIRIONG
APPLICANT: MORGAN, MICHAEL
APPLICANT: MORGAN, MICHAEL
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REPERENCE: 4300.011800
CURRENT APPLICATION NUMBER: 05/083,025
EARLIER PILING DATE: 1999-04-23
EARLIER PILING DATE: 1999-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PALENTIN Ver. 2.0
SEQ ID NO 11
LENGTH: 6924
                                                                                                         Sequence 10, Application US/09299141
Patent No. 6461606
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US-09-299-11-11
'Sequence 11, Application US/09299141
'Patent No. 6461606
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Best Local Similarity 100.0%;
Matches 125; Conservative 0
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ORGANISM: Artificial Sequence
FEATURE:
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; OTHER INFORMATION: Description of Artificial Sequence:PLASMID C-AT2
US-09-299-141-7
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Sequence 7, Application US/09299141

Patent No. 6461606

GENERAL INFORMATION:

APPLICANT: FLOTTE, TERENCE R.

APPLICANT: BYRNE, BARRY J.

APPLICANT: BYRNE, BARRY J.

TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY FILE REFERENCE: 4300.01180

CURRENT APPLICATION NUMBER: US/09/299,141

CURRENT APPLICATION NUMBER: 05/083,025

EARLIER APPLICATION NUMBER: 60/083,025

SARLIER PILING DATE: 1998-04-24

NUMBER OF SEQ ID NOS: 13

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 7

LENGTH: 6981
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; Sequence 3, Application US/09299141
EARLIER FILING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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LENGTH: 6981
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; OTHER INFORMATION: Description of Artificial Sequence:PLASMID dB-AT
US-09-299-141-3
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US-09-299-141-3/c

Sequence 3, Application US/09299141

Patent No. 6461606

GENERAL INFORMATION:

APPLICANT: FUOTE, TERENCE R.

APPLICANT: BYENG, BARRY J.

APPLICANT: BYENG, BARRY J.

APPLICANT: BYENG, MICHAEL

TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300.011800

CURRENT APPLICATION NUMBER: US/09/299,141

CURRENT FILING DATE: 1999-04-23

EARLIER APPLICATION NUMBER: 60/083,025

BARLIER FILING DATE: 1998-04-24

NUMBER OF SEQ ID NOS: 13

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 3:

LENGTH: 7054
APPLICANT: FLOTTE, TERENCE R.
APPLICANT: SONG, SIHONG
APPLICANT: BONG, SIHONG
APPLICANT: BYRNE, BARRY J.
APPLICANT: BYRNE, BARRY J.
APPLICANT: BYRNE, MICHAEL
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
TITLE APPLICATION NUMBER: US/09/299,141
CURRENT APPLICATION NUMBER: 05/083,025
EARLIER APPLICATION NUMBER: 60/083,025
BARLIER PILING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SOCTWARR: PATENTIN VET: 2.0
SEQ ID NO :
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Best Local Similarity 100.0
Matches 125; Conservative
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US-09-299-141-5
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                                                                      Length 7405;
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| Patent No. 6461606
| Patent No. 6
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Patent No. 6461606

GENERAL INFORMATION:

APPLICANT: FLOTTE, TERENCE R.

APPLICANT: SONG, SIHONG

APPLICANT: BYRNE, BARRY J.

APPLICANT: MORGAN, MICHAEL

TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 43100.011800

CURRENT APPLICATION NUMBER: US/09/299,141
                                                                      Score 125; DB 3;
Pred. No. 1e-24;
                                                                                                                                  0; Mismatches
                                                                      100.0%;
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                                                                      Query Match
Best Local Similarity 100.
Matches 125; Conservative
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US-09-299-141-5/c
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LENGTH: 7492
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         US-09-299-141-2
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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:PLASMID E-AT
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                                                                                                                                                                                                                                                                                              Sequence 2, Application US/09299141
| Sequence 2, Application US/09299141
| Patent No. 6461606
| GENERAL INFORMATION:
| APPLICANT: FLOTTE, TERENCE R. APPLICANT: SONG, SIHONG
| APPLICANT: BYRNE, BARRY J. APPLICANT: WORGAN, MICHAEL
| TITLE OF INVENTION MATERIALS AND METHODS FOR GENE THERAPY
| TITLE OF INVENTION MATERIALS AND METHODS FOR GENE THERAPY
| TITLE OF INVENTION WOMBER: US/09/299,141
| CURRENT APPLICATION NUMBER: 06/083,025
| EARLIER APPLICATION NUMBER: 60/083,025
| EARLIER FILING DATE: 1999-04-24
| NUMBER OF SEG ID NOS: 13
| SOFTWARE: PatentIn Ver. 2.0
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Batent No. 6461606

GENERAL INFORMATION:
APPLICANT: SONG, SIHONG

APPLICANT: SONG, SIHONG

APPLICANT: MORGAN, MICHAEL

TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY

FILE REFERENCE: 4300.011800

CURRENT APPLICATION NUMBER: US/09/29,141

CURRENT FILING DATE: 1999-04-23

EARLIER APPLICATION NUMBER: 60/083,025

BARLIER FILING DATE: 1999-04-24

NUMBER OF SEQ ID NOS: 13

SOFTWARE: Patentin Ver. 2.0
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US-09-299-141-2/C
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LENGTH: 7405
                                                                                                                                                                                                                                                                                 US-09-299-141-2
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Query Match
Best Local Similarity 100.C
Matches 123; Conservative
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Best Local Similarity 99.2
Matches 124; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      121 GCCAA 125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GCCAA 193
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GCC 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 46
US-09-394-110A-1/c
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                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 272
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US-08-305-221-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH:
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                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Description of Artificial Sequence:p43C-AT-IN
US-09-299-141-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.0%; Score 125; DB 3; Length 7492; Best Local Similarity 100.0%; Pred. No. 1e-24; Matches 125; Conservative 0; Mismatches 0; Indels 0
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APPLICANT: Chiron Corporation
TITLE OF INVENTION: Recombinant AAV Packaging Systems;
FILE REFERENCE: 20263-501
CURRENT APPLICATION NUMBER: US/09/770,315
CURRENT FILING DATE: 2001-01-26
PRIOR APPLICATION NUMBER: US 60/178,536
PRIOR APPLICATION NUMBER: US 60/178,536
PRIOR APPLICATION NUMBER: US 60/178,536
PRIOR FILING DATE: 2000-01-26
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 2
LENGTH: 8698
CURRENT FILING DATE: 1999-04-23
EARLIER APPLICATION UNMBER: 60/083,025
EARLIER FILING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 5
LENGTH: 7492
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2, Application US/09770315
Patent No. 6429001
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                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3324 GCCAA 3320
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ORGANISM: Unknown
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Sequence 1, Application US/09394110A
| Sequence 1, Application US/09394110A
| Patent No. 6451594
| GENERAL INFORMATION:
| APPLICANT: Chien, Kenneth
| APPLICANT: Evans, Sylvia
| TITLE OF INVENTION: No. 6451594el Recombinant Adenovirus for Tissue Specific Expres
| TITLE OF INVENTION: No. 6451594el Recombinant Adenovirus for Tissue Specific Expres
| CURRENT APPLICATION NUMBER: US/09/394,110A
| CURRENT FILING DATE: 1999-09-10
| NUMBER OF SEQ ID NOS: 3
| SOFTWARE: Patentin version 3.0
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Pred. No. 2.3e-24;
0; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: DNA AV circular intermediate, clone p81 US-09-275-625-4
APPLICANT: Engelhardt, John F.
APPLICANT: Duan, Dongsheng
TITE OF INVENTION: Adeno-associated virus vec
FILE REFERENCE: 875.007USI.
CURRENT APPLICATION NUMBER: US/09/276,625
CURRENT FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 60/086,166
PRIOR FILING DATE: 1998-05-20
NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4
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us-10-620-039-1\_copy\_1\_125.rni

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TITLE OF INVENTION: ADENO-ASSOCIATED VIRAL LIPOSOMES AND
THEIR USE IN TRANSFECTING DENDRITIC CELLS TO STIMULATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: CDS
LOCATION: 1565..2035
OTHER INFORMATION: /product= "Residues 1565 to 1579 rat insulin
signal peptide; residues 1580 to 1582 linker;
residues 1583
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         of
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OTHER INFORMATION: /function= "Left terminal region adeno-associated virus"
                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSE: Alexie Barron, Esq.
STREET: Suite 2600 Aramark Tower, 1101 Market Street
CITY: Philadelphia
                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
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LOCATION: 1..44
OTHER INFORMATION: /product= "Bluescript KS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: promoter
LOCATION: 293..1075
OTHER INFORMATION: /function= "CMV promoter"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Barron, Alexie
REGISTRATION NUMBER: 22,702
REFERENCE/DOCKET NUMBER: 20,846-K USA
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 923-4466
TELEFAX: (215) 923-2189
                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 15-701-1998
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
FILING DATE: 19-70L-1996
APPLICATION NUMBER: PCT/US96/12012
FILING DATE: 19-70L-1996
APPLICATION NUMBER: US 60/007,184
FILING DATE: 21-70L-1995
APPLICATION NUMBER: US 08/566,286
FILING DATE: 01-DEC-1995
APPLICATION NUMBER: US 08/566,286
FILING DATE: 01-DEC-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/000,003A
                                                                                                                                                                                                                       COUNTRY: United States of America ZIP: 19107
                                                                 SPECIFIC IMMUNITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 5585 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: circular
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
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LOCATION: 1079..1264
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STRANDEDNESS: double
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OTHER INFORMATION:
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                                                                                    NUMBER OF SEQUENCES: 30
  Lebkowski,
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                                                                                      APPLICANT: PHILIP, RAWLLA
APPLICANT: LEBKOWSKI, JANE
TITLE OF INVENTION: ADENO-ASSOCIATED VIRAL (AAV)
TITLE OF INVENTION: LIPOSOMES
TITLE OF INVENTION: LIPOSOMES
TITLE OF INVENTION: AND METHODS RELATED THERETO
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSE: HELLER, BHRMAN, WHITE & MCAULIFFE
STREET: 313 BUSH STREET
CITY: SAN FRANCISCO
STRATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104-2878
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104-2878
COMPUTER READABLE FORM:
MEDIUM TYPE: FOOSFMS-DOS
SOFTWARE: PATENTIN RElease #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 08/120,605
FILING DATE: 11-SEP-1994
CLASSIFICATION NUMBER: US 36,856
FILING DATE: 13-SEP-1994
TELEPONES LITHGOW, TIMOPRATION:
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
TELEPHONE: 415-772-600
TELEPAX: 415-772-626
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 5585 base pairs
TTELEPAX: GIOUDLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; ...
/.3e-24;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 121.8;
Pred. No. 7.3
                                                               APPLICANT: APPLIED IMMUNE, SCIENCES, INC
APPLICANT: PHILIP, RAMILA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; PUBLICATION INFORMATION:
; DOCUMENT NUMBER: PCT/US94/09774
; FILING DATE: 13-SEP-1994
US-08-305-221-1
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Sequent No. 6652850
GENERAL INFORMATION:
APPLICANT: Philip, Ramila
Sequence 1, Application US/0830522
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 98.4%;
Matches 123; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: CDNA to mRNA HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              121 GCCAA 125
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/702,573
                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 98.4
Matches 122; Conservative
                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
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APPLICANT: LATTA, Martine
APPLICANT: DENEFLE, Patrice
APPLICANT: DENEFLE, Beneanuelle
APPLICANT: PERRICAUDET, Michel
TITLE OF INVENTION: INTEGRATION THEREOF AND THERAPEUTICAL USES THEREOF NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Rd. 3C43
CITY: Collegeville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 TTGGCCACTCCCTCTCTGCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: 3'UTR
LOCATION: 2039..2071
OTHER INFORMATION: /function= "3' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: /function= "right terminal region of adeno-associated virus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
97.4%; Score 121.8; DB 4; Length 5585;
Best Local Similarity 98.4%; Pred. No. 7.3e-24;
Matches 123; Conservative 0; Mismatches 2; Indels 0;
                                          /function= "Mouse immunoglobulin
                                                                                                                       ייחבא אוריכת במאר /function= "Rat preproinsulin 5'
Br. ranslated region"
                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc feature
LOCATION: 2763.5585
OTHER INFORMATION: /product= "Bluescript KS
                                                                                                                                                                                                                                         /standard_name= "SV40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         of human IL-2"
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                         polyadenylation signal"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 5, Application US/08702573
Patent No. 6033885
                                                                                                                                                                                                  NAME/KEY: polya_site
LOCATION: 2085.72471
OTHER INFORMATION: /
                                                                                                                                                                                                                                                                                                 LTR
2579..2762
      NAME/KEY: iDNA
LOCATION: 1269..1357
OTHER INFORMATION: //
                                                              intervening sequence"
                                                                                                                     LOCATION: 1394..1564
OTHER INFORMATION: /
                                                                                                                                                                                                                                                                                                                                                                                                                                                            cloning vector"
                                                                                                   NAME/KEY:
                                                                                                                                                                                                                                                                                               NAME/KEY:
                                                                                                                                                                                                                                                                                                                      LOCATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: CO]
STATE: PA
COUNTRY:
                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE
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                                                                                 FEATURE
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6 TGGGCCACTCCCTCTCTGCGCGCGTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc feature
LOCATION: 1..1<u>9</u>4
OTHER INFORMATION: /note= "Left AAV ITR From pXL2629"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 6, Application US/07989841A
Patent No. 5478745
GENERAL INFORMATION:
APPLICANT: Xiao, X.
TITLE OF INVENTION: Recombinant Viral Vector System
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 6
CORRESPONDENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
CUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: DatentIn Release #1.0, version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/989,841A
FILING DATE: On even date herewith
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
FILING DATE:
CLASSIFICATION 1424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 94/02445
FILING DATE: 03-MAR-1994
PRIOR APPLICATION NUMBER: WO PCT/FR95/00233
FILING DATE: 28-FEB-1995
ATTOMNEY/AGENT INFORMATION:
NAME: Smith Ph.D., Julie K.
REGISTRATION NUMBER: 38,619
REFERENCE/DOCKET NUMBER: 379,619
RELEPHONE: (610)454-3839
TELEPHONE: (610)454-3839
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
TANNEL: 194 base pairs
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1 TTGGCCACTCCCTCTCTGCGCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC 60
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                                          Score 120.2; DB 2; Length 145; Pred. No. 1.6e-23; 0; Mismatches 3; Indels 0
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pred. No. 1.6e-23; 
0; Mismatches 3; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 6, Application US/08471914A

Patent No. 6057152

GENERAL INFORMATION:
APPLICANT: Samulaki, R.
TITLE OF INVENTION: RECOMBINANT VIRAL VECTOR SYSTEM
FILE REFERENCE: 6636-027

CURRENT APPLICATION NUMBER: US/08/471,914A

CURRENT FILING DATE: 1995-06-06

BARLIER FILING DATE: 1995-06-15

NUMBER OF SEQ ID NOS: 13

SOFTWARE PATENTING DATE: 1995-05-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 6, Application US/09276625
; Settent No. 6436392
; GENERAL INFORMATION:
; APPLICANT: Bagelhardt, John F.
; APPLICANT: Duan, Dongsheng
; TITLE OF INVENTION: Adeno-associated virus vectors
; FILE REFERENCE: 95.007031
; CURRENT APPLICATION NUMBER: US/09/276,625
; CURRENT FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 60/086,166
; PRIOR FILING DATE: 1998-05-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: adeno-associated virus
                                                 96.2%;
97.6%;
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Best Local Similarity 97.6%;
Matches 122; Conservative (
                                            Query Match
Best Local Similarity 97.63
Matches 122; Conservative
                                                                                                                                                                                                                                                                                                           121 GCCAA 125
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    US-08-440-738A-6
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US-09-276-625-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESS.
STREET:
STREET:
STATE: New York
CTITY: New York
COMPUTRY: U.S.A.
ZIP: 10036-2711
COMPUTER: ELADALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: BW PC compatible
COMPUTRI: BW PC COMPATIBLE
COMPUTRI: BW PC COMPATIBLE
COMPUTRI: BW PC COMPATIBLE
COMPUTRI: SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PARENTIN DATA:
APPLICATION NUMBER: US/08/440,738A
FILING DATE: MAy 15, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: COLUZZI, LAURA A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 30,742
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9901
TELEPHONE: (212) 790-9901
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 6, Application US/08440738A
Patent No. 5869305
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Samulaki, R. J.
APPLICANT: Stao, X.
TITLE OF INVENTION: Recombinant Viral Vector System
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REPERENCE/DOCKET NUMBER: 6636-013
TELEPHONE: (212) 790-9090
TELEPAX: (212) 869-8864/9741
TELEPAX: 66141 PENNIE
TELERAX: 66141 PENNIE
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            E: Pennie & Edmonds
1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 145 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                              TOPOLOGY: unknown MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                               LENGTH: 145 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    121 GCCAA 125
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89.1%; Score 111.4; DB 3; Length 9600;
Best Local Similarity 99.1%; Pred. No. 4.5e-21;
Matches 112; Conservative 0; Mismatches 1; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence I, Application US/09620925
Patent No. 6468986
GENERAL INFORMATION:
APPLICANT: Zuckermann et al.
ATILE OF INVENTION: Compositions and Methods for Polynucleotide Delivery
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/910,647
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/910,647
FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: FUJICA, Sharon M.
REGISTRATION NUMBER: 38,459
REFERENCE/DOCKET NUMBER: 1218
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1079023-2706
                                                                                                                             ATTORNEY AGENT INFORMATION:
NAME: Fujita, Sharon M.
REGIESTRATION NUMBER: 38,459
REFERENCE/DOCKET NUMBER: 1218
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 923-2706
                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (510) 92:
TELEFRA: (510) 655-:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                       TELEBRANCE (10) 655-3542
TELEBRANCE (10) 655-3542
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 9600 base pairs
                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                 CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                       linear
                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                         US-08-910-647-1
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APPLICANT: Chien, Kenneth

APPLICANT: Wang, Yibin

APPLICANT: Brans, Sylvia

TITLE OF INVENTION: No. 6451594el Recombinant Adenovirus for Tissue Specific Expres
FILE REPERENCE: 6627-PA8045

CURRENT APPLICATION UNDER: US/09/394,110A

CURRENT FILING DATE: 1999-09-10

NUMBER OF SEQ ID NOS: 3

SOFTWARE: PatentIn version 3.0

SEQ ID NO 2

LENGTH: 183
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                                                                                                                                                                                             69 TIGGCCACTCCCTCTGCGCGCTCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC 128
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                                                                                              Length 272;
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                                                                                                                                      4; Indels
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Patent No. 6251433
GENERAL INFORMATION:
APPLICANT: ZUCKERmann et al.
TITLE OF INVENTION: Compositions and Methods for INVENTION: Polynucleotide Delivery
                                                                                                DB 3;
                        TYPE: DNA
; ORGANISM: AAV circular intermediate, clone p1202
US-09-276-625-6
                                                                                              94.9%; Score 118.6; DB 3 96.8%; Pred. No. 4.5e-23; tive 0; Mismatches 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 2, Application US/09394110A
Patent No. 6451594
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: adeno-associated virus 2
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                  Query Match
Best Local Similarity 96.8
Matches 121; Conservative
                                                                                                                                                                                                                                                                                                                      121 GCCAA 125
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US-09-394-110A-2
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             LENGTH: 272
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Sequence 14, Application US/09470618

Patent No. 6200560

GENERAL INFORMATION:

APPLICANT: Coulco, Linda B.

APPLICANT: Coulco, Linda B.

TITLE OF INVENTION: Adeno-Associated Vectors for Expression of Factor VIII

TITLE OF INVENTION: Adeno-Associated Vectors for Expression of Factor VIII

TITLE OF INVENTION: DATE 1999-12-22

CURRENT APPLICATION NUMBER: US/09/470,618

CURRENT APPLICATION NUMBER: 09/364,862

EARLIER FILING DATE: 1999-03-30

EARLIER FILING DATE: 1999-03-30

EARLIER APPLICATION NUMBER: 60/125,974

EARLIER PILING DATE: 1998-10-20

MUMBER OF SEQ ID NOS: 15

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 14

LENGTH: 4999
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Sequence 14, Application US/09470618

Patent No. 6200560

GENERAL INFORMATION:
APPLICANT: COLOSI, Peter C.
TITLE OF INVENTION: Adeno-Associated Vectors for Expression of Factor VIII
TITLE OF INVENTION: Adjen-04082

TITLE OF INVENTION: Adjen-04082

CURRENT APPLICATION NUMBER: US/09/470,618

CURRENT PILING DATE: 1999-07-30

EARLIER PILING DATE: 1999-07-30

EARLIER PILING DATE: 1999-07-30

EARLIER FILING DATE: 1999-07-30

EARLIER FILING DATE: 1999-03-24

EARLIER FILING DATE: 1999-03-24

EARLIER FILING DATE: 1998-10-20
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                                                           122 GGCCACTCCCTCTGCGCGCTCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCCCG 63
                                                                                         0; Gaps
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-470-618-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 88.0%; Score 110; DB 3; Length 4999; Best Local Similarity 100.0%; Pred. No. 1e-20; Matches 110; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
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SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                               123 CAA 125
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US-09-470-618-14/c
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                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Berns, Kenneth I.
APPLICANT: Berns, Kenneth I.
APPLICANT: Linden, Ralph M.
TITLE OF INVENTION: Site DNA and Uses Thereof
INVENTION: Site DNA and Uses Thereof
INVENTION: Site DNA and Uses Thereof
OORRESPONDENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
ITY: Lexington
STATE: MA
STATE: MA
STATE: MA
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                                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: Eloppy disk

APPLICATION NUMBER: 07/947,127

ATTOMNEY: CARFOLIA Alice O.

REGISTRATION NUMBER: 33,542

RESERRENCE/DOCKET NUMBER: 33,542

RESERRENCE/DOCKET NUMBER: ACC92-10F

TELEPHOME: 617-661-6240

TELEPHOME: 617-661-6240

TELEPHOME: 617-661-6240
                                                                                                                                                                                                                   DB 3;
                                                                                                                                                                                                              Query Match 89.1%; Score 111.4; DB 3 Best Local Similarity 99.1%; Pred. No. 4.5e-21; Matches 112; Conservative 0; Mismatches 1
                                                                              TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 4, Application US/08308949A Patent No. 5580703
LENGTH: 9600 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 617-861-9540
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              122 base pairs
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EDNESS: single
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RESULT 60

US-09-364-862-14

; Sequence 1. Application US/09364862
; Patent No. 622149;
GENERAL INFORMATION:
    APPLICANT: Coulo, Linda B.
    APPLICANT: Colosi, Peter C.
    TITLE OF INVENTION: ADENO-ASSOCIATED VECTORS FOR EXPRESSION OF FACTOR VIII
    TITLE OF INVENTION: CELLS
    TITLE OF INVENTION: CELLS
    TITLE OF INVENTION: CELLS
    TITLE OF INVENTION: CELLS
    FILE REFERENCE: AVIGEN-03743
    CURRENT PAPLICATION NUMBER: US/09/364,862
    CURRENT FILING DATE: 1999-07-10
    EARLIER FILING DATE: 1999-07-20
    MUMBER OF SEQ ID NOS: 14
    SARLIER PLILING DATE: 1998-10-20
    NUMBER OF SEQ ID NOS: 14
    SEQ ID NO 14
    LENGTH: 4999
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                                                                                                                                                                                            , OTHER INFORMATION: Description of Artificial Sequence: Synthetic US-09-470-618-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   , OTHER INFORMATION: Description of Artificial Sequence: Synthetic US-09-364-862-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 88.0%; Score 110; DB 3; Length 4999; Best Local Similarity 100.0%; Pred. No. 1e-20; Matches 110; Conservative 0; Mismatches 0; Indels
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88.0%; Score 110; DB 3; Length 4999;
Best Local Similarity 100.0%; Pred. No. 1e-20;
Matches 110; Conservative 0; Mismatches 0; Indels
                                                TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
LENGTH: 4999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 61
                                                                                                                                                      FEATURE:
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Search completed: July 5, 2005, 13:29:12 Job time : 100.278 secs

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GenCore version 5.1.6  Copyright (c) 1993 - 2005 Compugen Ltd.  OM nucleic - nucleic search, using sw model  Run on: July 5, 2005, 10:51:06 ; Search time 486.556 Seconds (without alignments) 1869.194 Million cell undates/sec	1809-134 MILLION CELL UDGALCES  CCTCTCTGCGCTCCCATCACTAGGGGTTCCT 145  Gapext 1.0  3136092125 residues  12626748  100000  1008  11008  1200 8	Database: Published Applications NA:*  1: /cgn2_6/ptodata/1/pubpna/USO7_PUBCOMB.seq:*  2: /cgn2_6/ptodata/1/pubpna/PCT NEW PUBL seq:*  3: /cgn2_6/ptodata/1/pubpna/USO6_PUBCOMB.seq:*  4: /cgn2_6/ptodata/1/pubpna/USO6_PUBCOMB.seq:*  5: /cgn2_6/ptodata/1/pubpna/USO6_PUBCOMB.seq:*  6: /cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*  7: /cgn2_6/ptodata/1/pubpna/USO8_NEW PUB.seq:*  8: /cgn2_6/ptodata/1/pubpna/USO8_NEW PUB.seq:*  9: /cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*  10: /cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*  11: /cgn2_6/ptodata/1/pubpna/USO9_PUBCOMB.seq:*  12: /cgn2_6/ptodata/1/pubpna/USO9_PUBCOMB.seq:*  13: /cgn2_6/ptodata/1/pubpna/USO9_PUBCOMB.seq:*  14: /cgn2_6/ptodata/1/pubpna/USO9_PUBCOMB.seq:*  15: /cgn2_6/ptodata/1/pubpna/USO9_PUBCOMB.seq:*  16: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  16: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  17: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  18: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  19: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  20: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  21: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  22: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  22: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  23: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  24: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  25: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  26: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  27: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  28: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  29: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  20: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  20: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  22: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  23: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  24: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  25: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  26: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  27: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  28: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  29: /cgn2_6/ptodata/1/pubpna/USO0_PUBCOMB.seq:*  20: /cg	Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being prin and is derived by analysis of the total score distribution.  SUMMARIES  Query  Score Match Length DB ID  Contact Score Match Length DB ID	1 145 100.0 145 9 US-09-782-378A-6 Sequence 6, Appli 2 145 100.0 145 20 US-10-817-029-1 Sequence 1, Appli 3 145 100.0 145 20 US-10-817-029-11 Sequence 11, Appli 4 145 100.0 145 21 US-10-501-756-12 Sequence 12, Appl 5 145 100.0 146 13 US-10-135-984-8 Sequence 8, Appli 6 145 100.0 165 9 US-09-782-378A-8 Sequence 8, Appli 7 145 100.0 165 13 US-10-054-665-7 Sequence 7, Appli

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Sequence 1, Application US/10837029

Sequence 1, Application US/10837029

Publication No. US20040248301A1

GENERAL INFORMATION:

APPLICANT: Engelhardt, John F.

TITLE OF INVENTION: ADENO ASSOCIATED VIRUS VECTORS WITH

TITLE OF INVENTION: INTRAVECTOR HETEROLOGOUS TERMINAL PALINDROMIC SEQUENCES

FILE REFERENCE: 875.1051S1

CURRENT APPLICATION NUMBER: US/10/837,029

CURRENT PILING DATE: 2004-04-30

PRIOR FILING DATE: 2004-07-12

PRIOR APPLICATION NUMBER: US 60/305,204

PRIOR FILING DATE: 2001-07-13

NUMBER OF SEQ ID NOS: 11

SOFTWARE: FREISEQ for Windows Version 4.0
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Best Local Similarity 100.0%; Pred. No. 5.6e-35;
Matches 145; Conservative 0; Mismatches 0;
    US-10-837-029-9
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Sequence 6, Application US/09782378A

Parent No. US20020102731A1

GENERAL INFORMATION:
APPLICANT: Hearing, Patrick
APPLICANT: Bahou, Wadie
APPLICANT: Sandalon, Ziv
APPLICANT: Gantenko, Dmitri
IILE OF INVENTION: Adenoviral Vectors
FILE REFERENCE: STONYB-04970
CURRENT APPLICATION NUMBER: US/09/782, 378A
CURRENT PILING DATE: 2000-10-2.12
PRIOR APPLICATION NUMBER: 60/237,747
PRIOR FILING DATE: 2000-10-02

NUMBER OF SEQ ID NOS: 27

SOFTWARE: PatentIn version 3.0

SEQ ID NO 6

LENGTH: 145
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; ORGANISM: Homo sapiens
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Sequence 8, Application US/10135984

Sequence 8, Application US/10135984

GENERAL INFORMATION:

APPLICANT: Matthew D. Weitzman

TITLE OF INVENION: METHOD OF IDENTIFYING CELLULAR

TITLE OF INVENION: METHOD OF DENTIFYING CELLULAR

TITLE OF INVENION: METHOD OF DENTIFYING CELLULAR

TITLE OF INVENION: METHOD OF 105 NO ADENO-ASSOCIATED VIRUS (AAV)

FILE REFERENCE: SALKINS.041A

CURRENT FILING DATE: 2002-08-05

PRIOR APPLICATION NUMBER: 60/286951

PRIOR PILING DATE: 2001-04-27

NUMBER OF SEQ ID NOS: 8

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 8
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                                                                                                                       Length 145;
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                                                                                                               ; Score 145; DB 21;
; Pred. No. 5.6e-35;
0; Mismatches 0;
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Patent No. US20020102731A1
GENERAL INFORMATION:
APPLICANT: Hearing, Patrick
APPLICANT: Bahou, Wadie
APPLICANT: Bandalon, Ziv
APPLICANT: Gandalon, Ziv
TITLE OF INVENTION: Adenoviral Vectors
FILE REFERENCE: STONYE - 0490;
CURRENT APPLICATION NUMBER: US/09/782,378A
CURRENT FILING DATE: 2001-02-12
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, ORGANISM: adeno-associated virus US-10-501-756-12
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; ORGANISM: adeno-associated virus
US-10-135-984-8
                                                                                                                   Query Match
Best Local Similarity 100.0%;
Matches 145; Conservative C
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US-09-782-378A-8
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US-10-501-756-12
Sequence 12, Application US/10501756
Publication No. US20050112765A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Chuan-Yuan, Li
APPLICANT: Chuan-Yuan, Li
APPLICANT: Xiuwu, Zhang
TITLE OF INVENTION: GENERATION OF RECOMBINANT ADENO-ASSOCIATED VIRAL VECTORS BY A
TITLE OF INVENTION: COMPLETE ADENOVIRUS-MEDIATED APPROACH
FILE REFERENCE: 180/137
CURRENT PALICATION NUMBER: US/10/501,756
FRICE APPLICATION NUMBER: US/0/501,756
PRICE APPLICATION NUMBER: US 60/349,532
PRICE APPLICATION NUMBER: US 60/349,532
SOSTWARE: PALENT P
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TITLE OF INVENTION: ADENO ASSOCIATED VIRUS VECTORS WITH

TITLE OF INVENTION: INTRAVECTOR HETEROLOGOUS TERMINAL PALINDROMIC SEQUENCES
FILE REPERENCE: 875.105031

CURRENT APPLICATION NUMBER: US/10/837,029

CURRENT PILING DATE: 2004-04-30

PRIOR FILING DATE: 2002-07-12

PRIOR FILING DATE: 2001-07-13

NUMBER OF SEQ ID NOS: 11

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 11

LENGTH: 145
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                                                                  TTGGCCACTCCCTCTCTGCGCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC
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; Sequence 11, Application US/10837029
; Publication No. US20040248301A1
; GENERAL INFORMATION:
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; ORGANISM: Adeno-associated virus
US-10-837-029-11
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LENGTH: 145
TYPE: DNA
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121 GCCAACTCCATCACTAGGGGTTCCT 145
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                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Adeno-associated virus
       APPLICANT: Kaplitt, Michael G.
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                                                                                                                                                                                                                                             SEQ ID NO 13
LENGTH: 165
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                                                                                                                                                                   Query Match 100.0%; Score 145; DB 9; Length 165; Best Local Similarity 100.0%; Pred. No. 5.5e-35; Matches 145; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: SEQ ID NO:1 of U.S. Patent No. 5,478,745
US-10-054-665-7
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Publication No. US20020197237A1

GENERAL INFORMATION:

APPLICANT: Braclhardt, John F.

APPLICANT: Braclhardt, John F.

TITLE OF INVENTION: Adeno-associated virus vectors

FILE REFERENCE: 875.007US2

CURRENT APPLICATION NUMBER: US/10/054,665

FILE REPERENCE: 1975.007US2

CURRENT PILING DATE: 1999-03-25

PRIOR APPLICATION NUMBER: US 60/086,166

PRIOR FILING DATE: 1998-05-20

NUMBER OF SEQ ID NOS: 13

SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 100.0%; Score 145; DB 13; Best Local Similarity 100.0%; Pred. No. 5.5e-35; Matches 145; Conservative 0; Mismatches 0;
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US-10-159-968-13/c
; Sequence 13, Application US/10159968
; Publication No. US20030152914A1
; GENERAL INFORMATION:
PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.0
SEQ ID NO 8
                                                                                         TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Unknown
                                                                                                                                  US-09-782-378A-8
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SEQ ID NO 7
LENGTH: 165
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US-10-054-665-7
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APPLICANT: Musatov, Serge
TITLE OF INVENTION: Method for Generating Replication
TITLE OF INVENTION: Method for Generating Replication
TITLE OF INVENTION: Defective Viral Vectors That are Helper Free
FILE REPERENCE: 600-1-286
CURRENT FILING DATE: 200-56-31
PRIOR APPLICATION NUMBER: US 60/294,797
PRIOR PELLING DATE: 2001-05-31
PRIOR FILING DATE: 2001-05-31
PRIOR FILING DATE: 2001-08-07
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PASESEQ for Windows Version 4.0
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Publication No. US20040137626A1

GENERAL INFORMATION

APPLICANT: WAGNER, THOWAS E.

APPLICANT: WINNER, THOWAS E.

TITLE OF INVENTION AND TREMEDIATED MODULATION

TITLE OF INVENTION AND TREMEDIATED MODULATION

CURRENT FILING DATE: 2053-09-25

PRIOR APPLICATION NUMBER: 60/413,450

PRIOR APPLICATION NUMBER: 60/413,450

PRIOR APPLICATION NUMBER: 5004-09-26

NUMBER OF SEQ ID NOS: 3

SEQ ID NO 3

LENGTH: 170
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42 TTGGCCACTCCCTCTGCGCGCTCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC 101
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                                                                        1 TIGGCCACTCCCTCTGCGCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC
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TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
TITLE OF INVENTION: THEREOF
FILE REFERENCE: DE1142
CURRENT APPLICATION NUMBER: US/09/845,416
CURRENT FILING DATE: 2001-04-30
PRIOR PAPLICATION NUMBER: 60/200,777
PRIOR APPLICATION NUMBER: 60/200,777
PRIOR FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 26
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TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
TITLE OF INVENTION: THEREOF
FILE REFERENCE: DE1142
CURRENT APPLICATION NUMBER: US/09/845,416
CURRENT APPLICATION NUMBER: G0/200,777
PRIOR FILING DATE: 2001-04-28
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 26
LENGTH: 955
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                                                                                                                                                              121 GCCAACTCCATCACTAGGGGTTCCT 145
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                                                                                                                                                                                                                                                                                                US-09-845-416-26
, Sequence 26, Application US/09845416
, Publication No. US20030171312A1
, GENERAL INFORMATION:
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; ORGANISM: Homo sapiens
US-09-845-416-26
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CORGANISM: Homo sapiens
US-09-845-416-26
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Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: University of No. US20040029106Alth Carolina at Chapel Hill
APPLICANT: University of No. US20040029106Alth Carolina at Chapel Hill
APPLICANT: University of No. US20040029106Alth Carolina at Chapel Hill
APPLICANT: WCCARCY, Douglas M.
TITLE OF INVENTION: DUPLEXED PARVOVIRUS VECTORS
FILE REFERENCE: 5470-282
CURRENT APPLICATION NUMBER: US/10/276,356
CURRENT FILING DATE: 2001-05-31
PRIOR APPLICATION NUMBER: PCT/US01/17587
NUMBER OF SEQ ID NOS: 1
SOFTWARE: Patentin version 3.1
LENGTH: 175
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US-10-023-208-58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
100.0%; Score 145; DB 15; Length :
Best Local Similarity 100.0%; Pred. No. 5.3e-35;
Matches 145; Conservative 0; Mismatches 0; Indels
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US-10-276-356-1/c
; Sequence 1, Application US/10276356
; Publication No. US20040029106A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial sequence
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121 GCCAACTCCATCACTAGGGGTTCCT 145
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COGANISM: Homo sapiens
US-09-845-416-32
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US-09-845-416-32/c
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Publication No. US20030171312A1

GENERAL INFORMATION:

APPLICANT: XIAO, XIAO

TITLE OF INVENTION:

TITLE OF INVENTION:
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; Sequence 33, Application US/09845416
; Publication No. US20030171312A1
; Publication No. US20030171312A1
; APPLICANT: XIAO, XIAO
; TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
; TITLE OF INVENTION: THEREOF
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: DE1142
; CURRENT APPLICATION NUMBER: US/09/845,416
; PRIOR APPLICATION NUMBER: 60/200,777
; PRIOR PAPLING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 36
; SOFTHARE: Patentin Ver. 2.1
; SEQ ID NO 33
LENGTH: 987
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   0; Gaps
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4.3e-35;
0; Mismatches
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Best Local Similarity 100.0%;
Matches 145; Conservative 0
Matches 145; Conservative
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CORGANISM: Homo sapiens
US-09-845-416-33
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ORGANISM: Homo sapiens
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US-09-845-416-33
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                                                                                                                                 Sequence 32, Application US/09845416
| Publication No. US20030171312A1 |
| GENERAL INFORMATION: |
| APPLICANT: XIAO, XIAO |
| TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE |
| TITLE OF INVENTION: THEREOF |
| TITLE OF INVENTION NUMBER: US/09/845,416 |
| CURRENT FILING DATE: 2001-04-30 |
| PRIOR FILING DATE: 2001-04-28 |
| NUMBER OF SEQ ID NOS: 36 |
| SOFTWARE: PatentIn Ver: 2.1 |
| LENGTH: 4414 |
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Publication No. US20030171312A1
GENERAL INFORMATION:
APPLICANT: XTAO, XTAO
TITLE OF INVENTION: DAS SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
TITLE OF INVENTION: THEREOF
FILE REFERENCE: DE1142
CURRENT APPLICATION NUMBER: US/09/845,416
CURRENT PILING DATE: 2001-04-30
PRIOR PILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 32
                                                     Gaps
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Query Match 100.0%; Score 145; DB 10; Best Local Similarity 100.0%; Pred. No. 4.3e-35; Matches 145; Conservative 0; Mismatches 0;
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 31
LENGTH: 4476
                                                                                                    TYPE: DNA
CORGANISM: Homo sapiens
US-09-845-416-31
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US-09-845-416-30
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US-09-845-416-30
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Publication No. US20030171312A1

GENERAL INFORMATION:

APPLICANT: XIAO,

TITLE OF INVENTION: THEREOF

TITLE OF INVENTION: THEREOF

TITLE OF INVENTION: USBER: US/09/845,416

CURRENT FILING DATE: 2001-04-30

PRIOR APPLICATION NUMBER: 60/200,777

PRIOR APPLICATION NUMBER: 60/200,777

PRIOR FILING DATE: 2000-04-28

NUMBER OF SEQ ID NOS: 36

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 31
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Publication No. US20030171312A1
GENERAL INFORMATION:
APPLICANT: XIAO, XIAO
TITLE OF INVENTION: DAS EQUENCE ENCODING A DYSTROPHY MINIGENE AND USE TITLE OF INVENTION: THEREOF FILE OF INVENTION: US/09/845,416
CURRENT APPLICATION NUMBER: US/09/845,416
CURRENT PILING DATE: 2001-04-30
PRIOR PILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 36
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                                                                                                                                   Query Match
100.0%; Score 145; DB 10;
Best Local Similarity 100.0%; Pred. No. 3.5e-35;
Matches 145; Conservative 0; Mismatches 0;
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      ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-845-416-32
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ORGANISM: Homo sapiens
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US-09-845-416-31/c
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US-09-845-416-31
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TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
TITLE OF INVENTION: THEREOF
FILE REFERENCE: DE1142
CURRENT APPLICATION NUMBER: US/09/845,416
CURRENT APPLICATION NUMBER: 00/200,777
PRIOR FILING DATE: 2000-04-28
SOFTWARE: PATENTION NUMBER: 60/200,777
RIGHT FILING DATE: 2000-04-28
SOFTWARE: PATENTION NUMBER: 60/200,777
RIGHT FILING DATE: 2000-04-28
SOFTWARE: PATENTION NUMBER: 60/200,777
SEQ ID NO 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-845-416-30/c
Sequence 30, Application US/09845416
Fublication No. US2033171312A1
GENERAL INFORMATION:
TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
TITLE OF INVENTION: THEREOF
TITLE REFERENCE: DE1142
CURRENT APPLICATION NUMBER: US/09/845,416
CURRENT FILING DATE: 2001-04-30
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    Length 4476;
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                                              Indels
100.0%; Score 145; DB 10;
100.0%; Pred. No. 3.4e-35;
ive 0; Mismatches 0;
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Pred. No. 3.4e-35;
0; Mismatches 0;
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Best Local Similarity 100.0%;
Matches 145; Conservative 0
  Query Match
Best Local Similarity 100.0%;
Matches 145; Conservative (
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APPLICANT: Bahou, Wadie
APPLICANT: Sandalon, Ziv
APPLICANT: Gantenko, Dmitri
TITLE OF INVENTION: Adenoviral Vectors
FILE REFERENCE: STONYB-04970
CURRENT APPLICATION NUMBER: US/09/782,378A
CURRENT FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: 60/237,747
PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 27
SEQ ID NO 2
                                                                                                                                                                                                                                                        , ORGANISM: Human adeno-associated virus 2 US-09-782-378A-2
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Matches 145; Conservative
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100.0%; Score 145; DB 9;
Best Local Similarity 100.0%; Pred. No. 3.4e-35;
Matches 145; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1, Application US/09782378A
Patent No. US20020102731A1
GENERAL INFORMATION:
APPLICANT: Hearing, Patrick
APPLICANT: Bahou, Wadie
APPLICANT: Bahou, Wadie
APPLICANT: Gaacanko, Dmitri
TITLE OF INVENTION: Adenoviral Vectors
FILE REFRENCE: STONYB-04970
CURRENT APPLICATION NUMBER: US/09/782,378A
CURRENT FILING DATE: 2001-02
PRIOR RIDING DATE: 2000-10
PRIOR FILING DATE: 2000-10
SRQ ID NO 1
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; ORGANISM: Human adeno-associated virus 2
NO9-782-378A-1
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PRIOR APPLICATION NUMBER: 60/200,777
PRIOR FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Petentin Ver: 2.1
SEQ ID NO 30
I LENGTH: 4498
TYPE: DNA
ORGANISM: Homo gapiens
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Length 4675;
                                                Indels
Query Match 100.0%; Score 145; DB 9;
Best Local Similarity 100.0%; Pred. No. 3.4e-35;
Matches 145; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                        | Sequence 1, Application US/10240198 | Publication No. US20030100115A1 | GENERAL INFORMATION: APPLICANT: BTG International Ltd | APPLICANT: BEARD DR, PETER | APPLICANT: BEARD DR, PETER | APPLICANT: RAJ DR, KENNETH | TITLE OF INVENTION: CYTOTOXIC AGENTS | FILE REFERENCE: 142184WO | CURRENT FILING DATE: 2002-09-30 | PRIOR APPLICATION NUMBER: US/10/240,198 | CURRENT FILING DATE: 2000-04-20 | PRIOR FILING DATE: 2000-04-20 | NUMBER OF SEQ ID NOS: 6 | SOFTWARE: PATENTIN VEY: 2.1 | SEQ ID NO 1 | LENGTH: 4675
                                                                                                                                                                                                                                                                                      121 GCCAACTCCATCACTAGGGGTTCCT 145
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; ORGANISM: adeno-associated virus 2
US-10-240-198-1
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Sequence 2, Application US/09782378A; Patent No. US20020102731A1; GENERAL INFORMATION:

US-09-782-378A-2

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Sequence 10, Application US/09945681
GENERAL INFORMATION:
APPLICANT: UNIVERSITE DE NANTES
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR RECOMBINANT
TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS PRODUCTION
FILE REFERENCE: B4187AA - UNIVERSITE DE NANTES
CURRENT APPLICATION NUMBER: 105/09/945,681
CURRENT FILING DATE: 2001-09-05
PRIOR APPLICATION NUMBER: PCT/EP 00/01854
PRIOR FILING DATE: 2000-03-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: DURING, MATTHEW
APPLICANT: DURING, WEIDONG
ATTLE OF INVENTION: PRODUCTION OF CHIMERIC CAPSID VECTORS
FILE REFERENCE: 102182-14
CURRENT APPLICATION NUMBER: US/09/804,898
CURRENT APPLICATION NUMBER: 60/189,110
PRIOR APPLICATION NUMBER: 60/189,110
PRIOR PILING DATE: 2000-03-14
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin version 3.0
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Best Local Similarity 100.
Matches 145; Conservative
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 10
LENGTH: 4679
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US-09-945-681-10
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Sequence 2, Application US/10427129

Publication No. US20040101514A1

GENERAL INFORMATION:

APPLICANT: Liu, Yuhong

APPLICANT: Liu, Yuhong

APPLICANT: Luo, Jia

FILE REFERENCE: 102182-24

CURRENT FILING DATE: 2003-05-01

PRIOR PALING DATE: 2000-03-14

NUMBER OF SEQ ID NOS: 15

SEQ ID NO 2

LENGTH: 4675

LENGTH: 4675
        JOSTANO 100 NO. US20030138772A1

Sequence 7, Application US/10291583

Publication No. US20030138772A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Geo, Guangping

APPLICANT: Mison, James M.
TITLE OF INVENTION: A Method of Detecting and/or Identifying Adeno-Associated Virus
TITLE OF INVENTION: A Method of Detecting and/or Identifying Adeno-Associated Virus
TITLE OF INVENTION: A Method of Detecting and Soluting No. US20030138772A1e1 Sequences and Isolating No. US20030138772A1e1 Sequences Interpretation NUMBER: US 60/350,607

PRIOR PRILING DATE: 2001-11-12

PRIOR PILING DATE: 2001-12-17

PRIOR PILING DATE: 2001-12-17

PRIOR PILING DATE: 2002-05-01

PRIOR FILING DATE: 2002-05-01

PRIOR PILING DATE: 2003-05-01

PRIOR PILING DATE: 2003-05-01
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100.0%; Pred. No. 3.4e-35;
ive 0; Mismatches 0;
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Best Local Similarity 100.
Matches 145; Conservative
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Sequence 1, Application US/10077294
Publication No. US20020159979A1
GENERAL INFORMATION:
APPLICANT: Johnson, Philip R.
TITLE OF INVENTION: Adeno-Associated Virus Materials and
                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray
STREET: 6300 Sears Tower, 233 S. Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/077,294
FILING DATE: 15-Feb-2002
CLASSIFICATION: <underween companies of the compan
                                                                 Query Match 100.0%; Score 145; DB 16; Best Local Similarity 100.0%; Pred. No. 3.4e-35; Matches 145; Conservative 0; Mismatches 0;
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100.0%; Pred. No. 3.4e-35;
iive 0; Mismatches 0;
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FILING DATE: CURKNOW:
ATTORNEY/AGENT INFORMATION:
NAME: NO. US20020159979Aland, Greta E.
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REFERENCE/DOCKET NUMBER: 31975
TELECOMMUNICATION INFORMATION:
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TELEFAX: (312) 474-0448
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LENGTH: 4680 base pairs
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STRANDEDNESS: single
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INFORMATION FOR SEQ ID NO: 1:
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COMPUTER READABLE FORM:
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STATE: Illinois
COUNTRY: USA
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Best Local Similarity
Matches 145; Conserv
      US-10-136-819-6
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Publication No. US20930166593A1
ABDELICANT: Chien, Kenneth
APPLICANT: Chien, Kenneth
APPLICANT: Hoshijma, Masahiko
TITLE OF INVENTION: No. US20030166593A1-viral vesicle vector for cardiac specific gen
FILE REFERENCE: 6677-PA1198
CURRENT APPLICATION NUMBER: US/10/136,819
CURRENT APPLICATION NUMBER: 00/287,423
PRIOR FILING DATE: 2001-04-30
RIOR SPLING DATE: 2001-04-30
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 4679
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   Score 145; DB 9;
Pred. No. 3.4e-35;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 29
US-10-038-972A-12
US-10-038-972A-12
SQUENCE 12, Application US/10038972A
PUBLICATION NO. US20020192823A1
GENERAL INFORMATION:
APPLICANT: J. Bartlett
TILLE OF INVENTION: AAV VECTORS AND METHODS
FILE REFERENCE: 28335/36996US
CURRENT PAPLICATION NUMBER: US/10/038,972A
CURRENT PILING DATE: 2002-01-04
PRIOR PILING DATE: 2001-01-05
NUMBER OF SEQ ID NOS: 18
SOPTWARE: Patentin version 3.1
                                                                 0; Mismatches
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   100.08;
                                                                     Conservative
Query Match
Best Local Similarity
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LENGTH: 4679
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RESULT 34
US-10-375-777-1
US-10-263-127-1
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Gaps
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STREET: 6300 Sears Tower, 233 S. Wacker Drive
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                                                                                                                                                                                Sequence 1, Application US/10163886
Publication No. US20020187129A1
GENERAL INFORMATION:
APPLICANT: Johnson, Philip R.
TITLE OF INVENTION: Adeno-Associated Virus Materials and
Methods
                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

MEDIUM TYPE: Floppy disk

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/163,886

FILING DATE: 04-Jun-2002

GLASSIFCATION NUMBER: 09/292,703

APPLICATION NUMBER: 09/292,703

ATORNEY/AGENT INFORMATION:

NAME: NO. US20020187129Aland, Greta E.

RECISTRATION NUMBER: 35,302

REFERENCE/DOCKET NUMBER: 35,302

TELECOMMUNICATION INFORMATION:

TELEFAK (312) 474-6300

TELEFAK (312) 474-6448
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US-10-163-886-1
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                                                                  GCCAACTCCATCACTAGGGGTTCCT 145
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SEQUENCE CHARACTERISTICS:
LENGTH: 4680 base pairs
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                      CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
                                                                                                                                                                    US-10-163-886-1
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RESULT 33

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ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
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; Pred. No. 3.4e-35;
0; Mismatches 0; Indels 0;
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; Publication No. US20030147912A1
; GENERAL INFORMATION:
; APPLICANT: Johnson, Philip R.
TITLE OF INVENTION: Adeno-Associated Virus Materials and Methods
                                                                                                                                                                                  Adeno-Associated Virus Materials and
Methods
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COMPUTER: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

OPERATING SYSTEM: PC-DOS/MS-DOS

OPERATING SYSTEM: BC-DOS/MS-DOS

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/077,294

FILING DATE: 0-0ct-2002

CLASSIFICATION NUMBER: US/10/077,294

FILING DATE: 15-Feb-2002

APPLICATION NUMBER: 09/691,604

FILING DATE: cunknown-

ATTORNEY/AGENT INFORMATION:

NAME: NO. US20030082145Aland, Greta B.

REGISTRATION NUMBER: 35,302

RESERRENCE/DOCKET NUMBER: 31975

TELECOMUNICATION NUMBER: 31975
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TELEFAX: (312) 474-0448
Sequence 1, Application US/10263127; Publication No. US20030082145A1; GENERAL INFORMATION: AFPLICANT: Johnson, Philip R. TITLE OF INVENTION: Adeno-Asset
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SEQUENCE CHARACTERISTICS:
LENGTH: 4680 base pairs
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%;
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COMPUTER READABLE FORM:
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STATE: Illinois
COUNTRY: USA
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Best Local Similarity 100.
Matches 145; Conservative
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Length 4681;

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1 TIGGCCACTCCCTCTCTGCGCGCTCGCTCACTGAGGCCGGGCGAAAGGTCGCC 60
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    PRIOR FILING DATE: 1999-11-02
NUMBER OF SEQ ID NOS: 20
SOFTWARE: Patentin version 3.1
SEQ ID NO 18
LENGTH: 4681
                                                                                                                                                                                                         ; TYPE: DNA
; ORGANISM: AAV-2
US-10-696-261-18
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US-10-696-900-18
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Sequence 18, Application US/10696261
Publication No. US20040057931A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wiso, Weidong
TITLE OF INVENTION: Adeno-Associated Virus Scrotype I Nucleic Acid Sequences,
TITLE OF INVENTION: Vectors and Host Cells Containing Same
FILE REFERENCE: GNVPN.031USA
CURRENT APPLICATION NUMBER: US/09/807,802A
PRIOR APPLICATION NUMBER: US 60/107,114
PRIOR APPLICATION NUMBER: US 60/107,114
PRIOR APPLICATION NUMBER: PCT/US99/25694
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              61 caacecccedecrirecccedececcricaereaeceaecececeaeceaeaeaeaeaeae 120
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                                                                                                                                                                                                                                  ZIP: 60606

COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRN APPLICATION DATA:
APPLICATION NUMBER: US/10/375,777
FILING DATE: 26-Feb-2003
CLASSIFICATION: <UNKNOWn>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
CORRESPONDENCE ADDRESS:
ADDRESSE: Marshall, O'Toole, Gerstein,
STREET: 6300 Sears Tower, 233 S. Wacker
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 100.0%; Score 145; DB 15; Best Local Similarity 100.0%; Pred. No. 3.4e-35; Matches 145; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: NO. US20030147912Aland, Greta E.
REGIGTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 31975
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/10/163,886
FILING DATE: 04-Jun-2002
APPLICATION NUMBER: 09/292,703
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE DESCRIPTION: SEQ ID NO: 1: US-10-375-777-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-6448
TELEFAX: 25-3856
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 4680 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                       CITY: Chicago
STATE: Illinois
COUNTRY: USA
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## Sequence 18, Application US/10696282

## Sequence 18, Application No. US20040057932A1

## Sequence 18, Application No. US20040057932A1

## Sequence 18, Application No. US20040057932A1

## SEQUENCE 19, Application No. US2004009

## TITLE OF INVENTION: Adeno-Associated Virus Serotype I Nucleic Acid Sequences,

## TITLE OF INVENTION: Vectors and Host Cells Containing Same

## TITLE OF INVENTION: Vectors and Host Cells Containing Same

## TITLE OF INVENTION: Vectors and Host Cells Containing Same

## CURRENT APPLICATION NUMBER: US/10/696,282

## CURRENT APPLICATION NUMBER: US/09/807,802A

## PRIOR PILING DATE: 1908-11-02

## PRIOR PILING DATE: 1998-11-02

## PRIOR PILING DATE: 1998-11-02

## NUMBER OF SEQ ID NOS: 20

## SEQ ID
1 TIGGCCACTCCCTCTGCGCGCTCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 TTGGCCACTCCCTCTCTGCGCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 18, Application US/10696900
; Publication No. US20040057933A1
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US-10-696-282-19
US-10-696-282-19
US-10-696-282-19
Sequence 19, Application US/10696282
Febblication No. US20040057932A1
GENERAL INFORMATION:
APPLICANT: Wilson, James M.
APPLICANT: Xiao, Weidong
TITLE OF INVENTION: Adeno-Associated Virus Serotype I Nucleic Acid Sequences,
TITLE OF INVENTION: Vectors and Host Cells Containing Same
TITLE OF INVENTION: Vectors and Host Cells Containing Same
TITLE OF INVENTION: Vectors and Host Cells Containing Same
TITLE OF INVENTION: Vectors and Host Cells Containing Same
TITLE OF INVENTION: Vectors and Host Cells Containing Same
TITLE OF INVENTION: Vectors and Host Cells Containing Same
TITLE OF INVENTION: Vectors and Host Cells Containing Same
TITLE OF INVENTION NUMBER: US/09/807,802A
PRIOR PILING DATE: 2002-02-21
PRIOR APPLICATION NUMBER: PCT/US99/25694
PRIOR PILING DATE: 1998-11-02
PRIOR PILING DATE: 1999-11-02
PRIOR PILING DATE: 1999-11-02
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn Version 3.1
SEQ ID NOS: 20
TENNAMIC: 1000
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; Bublication No. US20040057933A1
; GENERAL INFORMATION:
    APPLICANT: Wallson, James M.
; APPLICANT: Xiao, Weidong
; TITLE OF INVENTION: Adeno-Associated Virus Serotype I Nucleic Acid Sequences,
; TITLE OF INVENTION: Vectors and Host Cells Containing Same
; TITLE OF INVENTION: Vectors and Host Cells Containing Same
; TITLE OF INVENTION: Vectors and Host Cells Containing Same
; TITLE OF INVENTION: Vectors and Host Cells Containing Same
; FILE REFERENCE: GNVPN. 031USA
; CURRENT FILING DATE: 2003-10-30
; PRIOR APPLICATION NUMBER: US/09/807, 802A
; PRIOR APPLICATION NUMBER: US 60/107,114
; PRIOR PELING DATE: 1998-11-05
; PRIOR PELING DATE: 1999-11-02
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: Patentin Version 3.1
; SEQ ID NO 19
1 THGCCACTCCCTCTCTGCGCGCTCGCTCACTCACTGAGGCCGGGGACCAAAGGTCGCC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       121 GCCAACTCCATCACTAGGGGTTCCT 145
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                                                                                                                                        121 GCCAACTCCATCACTAGGGGTTCCT 145
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Best Local Similarity 100.0
Matches 145; Conservative
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; ORGANISM: AAV-6
US-10-696-282-19
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US-10-696-900-19
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Fublication No. US20040057931A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wilson, James M.
TITLE OF INVENTION: Adeno-Associated Virus Serotype I Nucleic Acid Sequences,
TITLE OF INVENTION: Adeno-Associated Virus Serotype I Nucleic Acid Sequences,
TITLE OF INVENTION: Vectors and Host Cells Containing Same
TITLE OF INVENTION: Vectors and Host Cells Containing Same
TITLE OF INVENTION: Vectors and Host Cells Containing Same
CURRENT APPLICATION NUMBER: US/10/696,261

CURRENT FILING DATE: 2003-10-29

PRIOR FILING DATE: 1998-11-05

PRIOR FILING DATE: 1998-11-05

PRIOR FILING DATE: 1998-11-05

PRIOR FILING DATE: 1998-11-05

SRIOR FILING DATE: 1999-11-05

NUMBER OF SEQ ID NOS: 20

SOFTWARE: PatentIn version 3.1

SEQ ID NO 19
                         APPLICANT: Wilson, James M.
APPLICANT: Wilson, James M.
APPLICANT: Wilson, James M.
APPLICANT: Xiao, Weidong
TITLE OF INVENTION: Adeno-Associated Virus Serotype I Nucleic Acid Sequences,
TITLE OF INVENTION: Vectors and Host Cells Containing Same
FILE REFERENCE: GNVPN.031USA
CURRENT APPLICATION NUMBER: US/10/696,900
CURRENT APPLICATION NUMBER: US/09/807,802A
PRIOR FILING DATE: 2002-02-21
PRIOR FILING DATE: 1998-11-05
PRIOR FILING DATE: 1998-11-02
PRIOR FILING DATE: 1998-11-02
PRIOR FILING DATE: 1998-11-02
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PARCHIN VERSION 3.1
SEQ ID NO 188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ò
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100.0%; Score 145; DB 18; Length 4683;

Best Local Similarity 100.0%; Pred. No. 3.4e-35;

Matches 145; Conservative 0; Mismatches 0; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 4681;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
100.0%; Score 145; DB 18;
Best Local Similarity 100.0%; Pred. No. 3.4e-35;
Matches 145; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              121 GCCAACTCCATCACTAGGGGTTCCT 145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             121 GCCAACTCCATCACTAGGGGTTCCT 145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: DNA
; ORGANISM: AAV-2
US-10-696-900-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: AAV-6
US-10-696-261-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 38
US-10-696-261-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 4681
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; Sequence 29, Application US/09845416
; Publication No. US20030171312A1
; GENERAL INFORMATION:
; APPLICANT: XIAO,
TITLE OF INVENTION: THEREOF
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: DE1142
; CURRENT APPLICATION NUMBER: US/09/845,416
; CURRENT FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: 60/200,777
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 36
; SOFTHARE: Patentin Ver. 2.1
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100.0%; Pred. No. 3.4e-35;
iive 0; Mismatches 0;
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CURRENT APPLICATION NUMBER: US/10/959,017
CURRENT FILING DATE: 2004-10-05
FRIOR APPLICATION NUMBER: PCT/US03/11191
FRIOR FILING DATE: 2003-04-09
FRIOR FILING DATE: 2002-04-09
NUMBER OF SEQ ID NOS: 6
SOFWARE: PALENTIN VERSION 3.2
SEQ ID NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                121 GCCAACTCCATCACTAGGGGTTCCT 145
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Best Local Similarity 100.0
Matches 145; Conservative
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US-09-845-416-29/c
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LENGTH: 4825
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US-10-427-129-6
Sequence 6, Application US/10427129
Publication No. US20040101514A1
GENERAL INFORMATION:
APPLICANT: Liu, Yuhong
APPLICANT: Liu, Vuhong
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Publication No. US20050106125A1
GENERAL INFORMATION:
APPLICANT: FALCK-PEDERSEN, ERIK S
APPLICANT: PHILPOTT, NICOLA
TITLE OF INVENTION: USE OF AAV INTEGRATION EFFICIENCY ELEMENT FOR MEDIATING
TITLE OF INVENTION: SITE-SPECIFIC INTEGRATION OF A TRANSCRIPTION UNIT
FILE REFERENCE: 230526
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Best Local Similarity 100.0%; Pred. No. 3.4e-35;
Matches 145; Conservative 0; Mismatches 0;
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                                                               ; TYPE: DNA
; ORGANISM: AAV-6
US-10-696-900-19
                 LENGTH: 4683
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LENGTH: 4966
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TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
TITLE OF INVENTION: THEREOF
FILE REFERENCE: DELI42
CURRENT FILING DATE: 2001-04-30
PRIOR RPELICATION NUMBER: 60/200,777
PRIOR RPELICATION NUMBER: 60/200,777
PRIOR FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 35
APPLICANT: XIAO, XIAO
TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
TITLE OF INVENTION: THEREOF
FILE REPERBNCE: DE142
CURRENT PILING DATE: 2001-04-30
PRIOR APPLICATION NUMBER: 60/200,777
PRIOR APPLICATION NUMBER: 60/200,777
PRIOR SEQ ID NOS: 36
SOFTWARE PARENT PAR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 145; DB 10;
100.0%; Pred. No. 3.4e-35;
tive 0; Mismatches 0;
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; Sequence 35, Application US/09845416
; Publication No. US20030171312A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity 100. Matches 145; Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-845-416-29
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RESULT

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4966 TIGGCCACTCCCTCTCTGCGCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC 4907
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Sequence 28, Application US/09845416

Publication No. US20030171312A1
GENERAL INFORMATION:
TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
TITLE OF INVENTION: THEREOF
TITLE OF INVENTION: THEREOF
FILE REFERENCE: DE1142
CURRENT APPLICATION NUMBER: US/09/845,416
CURRENT FILING DATE: 2001-04-30
PRIOR FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PATENTIN VOICE: 21
SEQ ID NO 28
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US-00-845-416-28/C
Sequence 28, Application US/09845416
Publication NO. US20030171312A1
Sequence 28, Application NS SEQUENCE
Publication NO. US20030171312A1
SENERAL INFORMATION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
TITLE OF INVENTION: THEREOF
TITLE OF INVENTION: THEREOF
CURRENT APPLICATION NUMBER: US/09/845,416
CURRENT PILING DATE: 2000-04-30
PRIOR PILING DATE: 2000-04-28
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100.0%; Score 145; DB 10;
Best Local Similarity 100.0%; Pred. No. 3.4e-35;
Matches 145; Conservative 0; Mismatches 0;
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 28
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ORGANISM: Homo sapiens
US-09-845-416-28
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US-09-645-416-36/C
i Sequence 36, Application US/09845416
i Bublication No. US20030171312A1
i GENERAL INVORMATION:
APPLICANT: XIAO, XIAO
TITLE OF INVENTION: THEREOF
FILE REPERENCE: DE1142
CURRENT APPLICATION NUMBER: US/09/845,416
CURRENT APPLICATION NUMBER: 60/200,777
PRIOR APPLICATION NUMBER: 60/200,777
PRIOR PILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 36
SOCTHARE: Patentin Ver. 2.1
SEQ ID NO 36
LENGTH: 5060
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TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
TITLE OF INVENTION: THEREOF
FILE REFERENCE: DE1142
CURRENT APPLICATION NUMBER: US/09/845,416
CURRENT FILING DATE: 2001-04-30
PRIOR FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 36
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100.0%; Pred. No. 3.4e-35;
tive 0; Mismatches 0;
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121 GCCAACTCCATCACTAGGGGTTCCT
                                                                                                                                       ; Sequence 36, Application US/09845416; Publication No. US20030171312A1; GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 145; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Homo sapiens
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; ORGANISM: Homo sapiens
US-09-845-416-36
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Publication No. US20030171312A1

GENERAL INFORMATION:

APPLICANT: XIAO

TITLE OF INVENTION:

TITLE OF INVENTION:

TITLE OF INVENTION:

CURRENT APPLICATION NUMBER: US/09/845,416

CURRENT PLILING DATE: 2001-04-30

PRIOR PILING DATE: 2000-04-28

NUMBER OF SEQ ID NOS: 36

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 34

LENGTH: 4990
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                                                                                                                                   APPLICANT: XIAO, XIAO
TITLE OF INVENTION: DNA SEQUENCE ENCODING A DYSTROPHY MINIGENE AND USE
TITLE OF INVENTION: THEREOF
FILE REFERENCE: DELIA:
CURRENT APPLICATION NUMBER: US/09/845,416
CURRENT FILING DATE: 2001-04-30
PRIOR PELING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PATENTIN 'VET: 2.1
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100.0%; Pred. No. 3.4e-35;
iive 0; Mismatches 0;
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100.0%; Pred. No. 3.4e-35;
tive 0; Mismatches 0;
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                                                                          Sequence 34, Application US/09845416 Publication No. US20030171312A1 GENERAL INFORMATION:
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Best Local Similarity 100.0
Matches 145; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 100.C
Matches 145; Conservative
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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LENGTH: 4990
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Dedication No. US20030082162A1

GENERAL INPORMATION:

APPLICANT: FLOTTE, TERENCE R.

APPLICANT: BYRNE, BARRY J.

APPLICANT: BYRNE, BARRY J.

APPLICANT: MORGAN, MICHAEL

ITILE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY

FILE REFERENCE: 4300.011800

CURRENT APPLICATION NUMBER: US/10/267,117

CURRENT PILING DATE: 2002-10-08

PRIOR FILING DATE: 1999-04-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/083,025

HOWBER OF SEQ ID NOS: 13
                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: SONG, SIHONG
APPLICANT: SONG, SIHONG
APPLICANT: SONG, SIHONG
APPLICANT: SONG, SIHONG
TILLE APPLICANT: MATERIALS
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REPRENCE: 4300.011800
CURRENT APPLICATION NUMBER: US/10/267,117
CURRENT FILING DATE: 2002-10-08
PRIOR APPLICATION NUMBER: US/09/299,141
PRIOR FILING DATE: 1999-04-23
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PARENTIN Ver. 2.0
SEQ ID NO 4
LENGTH: 5932
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; OTHER INFORMATION: Description of Artificial Sequence:p43C-AT
US-10-267-117-4
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                                                                                                                                                                    5029 GCCAACTCCATCACTAGGGGTTCCT 5005
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Publication No. US20030082162A1
GENERAL INFORMATION:
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  Sequence 27, Application US/09845416

Publication No. US20030171312A1

GENERAL INFORMATION:

APPLICANT: XIAO, XIAO

TITLE OF INVENTION: THEREOF

TITLE OF INVENTION: THEREOF

TITLE OF INVENTION: THEREOF

CURRENT APPLICATION NUMBER: US/09/845,416

CURRENT FILING DATE: 2001-04-30

PRIOR APPLICATION NUMBER: 60/200,777

PRIOR APPLICATION UNMER: 06/200,777

NUMBER OF SEQ ID NOS: 36

SOFTWARE: Patentin Ver: 2.1

SEQ ID NO 27

LENGTH: 5149
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Fublication No. US20030171312A1

GENERAL INFORMATION:

GENERAL INFORMATION:

TITLE OF INVENTION:

TITLE OF INVENTION:

CURRENT APPLICATION NUMBER: US/09/845,416

CURRENT PILING DATE: 2001-04-30

FRIOR APPLICATION NUMBER: 60/200,777

PRIOR APPLICATION NUMBER: 60/200,777

SOFTWARE: PALENTE OF 100S: 36

SOFTWARE: PALENTE OF 100S: 36
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                                                                                                    121 GCCAACTCCATCACTAGGGGTTCCT 145
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ORGANISM: Homo sapiens
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CAGANISM: Homo sapiens
US-09-845-416-27
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US-09-845-416-27/c
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Publication No. US20030095949A1
GENERAL INFORMATION:
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PRIOR PELICATION NUMBER: US/09/299,141
PRIOR FILING DATE: 1998/299,141
PRIOR FILING DATE: LABLIER APPLICATION NUMBER: 60/083,025
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver: 2.0
SEQ ID NO 4
LENGTH: 5932
TYPE: nvv.
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                                                                                            FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:p43C-AT
US-10-267-117-4
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... OTHER INFORMATION: Description of Artificial Sequence:p43C-AT
US-10-340-112-4
                                                                                                                                                                                                                  Indels
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Publication No. US20030095949A1
GENERAL INFORMATION:
APPLICANT: FLOTTE, TERENCE R.
APPLICANT: SONG, SIHONG
APPLICANT: BYRNE, BARRY J.
APPLICANT: MORGAN, MICHAEL
TITLE OF INVENTION MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4030 0.011800
CURRENT APPLICATION NUMBER: US/10/340,112
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                                                         TYPE: DNA
ORGANISM: Artificial Sequence
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SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 4
LENGTH: 5932
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; Sequence 4, Application US/10340112

US-10-340-112-4/C

RESULT 57

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Sequence 18, Application US/10294957
Publication No. US20030148519A1
GENERAL INFORMATION:
APPLICANT: Brail Cynthia P.
TITLE OF INVENTION: Cells
FILE REFERENCE: UM-07225
CURRENT APPLICANT SPPLICATION INTERcellular Expression and Delivery of 91RNA9 in Mammalian;
TITLE OF INVENTION: Cells
FILE REFERENCE: UM-07225
CURRENT APPLICATION NUMBER: US/10/294,957
CURRENT APPLICATION NUMBER: 60/332,170
FRIOR FILING DATE: 2001-11-14
FRIOR FILING DATE: 2001-11-14
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GENERAL INVOCATION:
APPLICANT: FLOTTE:
APPLICANT: SONG, SIHONG
APPLICANT: SONG, SIHONG
APPLICANT: SONG, SIHONG
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REPRENCE: 4300.011800
CURRENT FILING DATE: 2003.01.10
CURRENT FILING DATE: 1999.04-23
PRIOR APPLICATION NUMBER: US/09/299,141
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/083,025
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PALENTIN Ver. 2.0
SEQ ID NO 4
LENGTH: 5932
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Best Local Similarity 100.0%; Pred. No. 3.3e-35;
Matches 145; Conservative 0; Mismatches 0;
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SOFWARE: Patentin version 3.2
SEQ ID NO 18
LENGTH: 6081
                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
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US-10-294-957-18
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; Sequence 8, Application US/10267117
; Publication No. US20030082162A1
; GENERAL INFORMATION:
; APPLICANT: FICTTE. TERENCE R.
; APPLICANT: SONG, SIHONG
; APPLICANT: MATERIALS AND METHODS FOR GENE THERAPY
; TITLE OF INVENTION: MATERIALS.
; TITLE OF INVENTION: MATERIALS.
; TITLE OF INVENTION: MATERIALS.
; FILE REFERENCE: 4300.011800
; CURRENT FILING DATE: 2002-10-08
; CURRENT FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: US/10/267,117
; PRIOR APPLICATION NUMBER: BARLIER APPLICATION NUMBER: 60/083,025
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1998-04-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PATENTING DAY: 2.0
; SEQ ID NO 8
; LENGTH: 6142
; TYPE: NAN
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; Publication No. US20030082162A1
; GENERAL INFORMATION:
    APPLICANT: FLOTTE, TERENCE R.
    APPLICANT: SONG, SIHONG
; APPLICANT: BYRNE, BARRY J.
    APPLICANT: MATCHAEL
; TILLE OF INVENTION: MATCHAEL
; TILLE OF INVENTION: MATCHAEL
; TILLE OF INVENTION: WAMPER: US/10/267,117
CURRENT APPLICATION NUMBER: US/10/267,117
; PRIOR APPLICATION NUMBER: US/09/299,141
; PRIOR FILING DATE: 1999-04-23
; PRIOR PALLING DATE: EARLIER FILING DATE: 1998-04-24
; NUMBER OF SEQ ID NOS: 13
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Best Local Similarity 100.0%; Score 145; DB 14; Length 6142;
Best Local Similarity 100.0%; Pred. No. 3.3e-35;
Matches 145; Conservative 0; Mismatches 0; Indels 0;
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Pred. No. 3.3e-35;
.. Mismatches 0;
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Job time : 492.556 secs
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 8
; LENGTH: 6142
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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Best Local Similarity 100.0%;
Matches 145; Conservative 0
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GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd.	on: July 5, 2005, 10:51:0	Title: Perfect score: 145 Sequence: 1 TTGGCCACTCCCTCTGGGCTCCATCAGGGGTTCCT 145	Scoring table: IDENTITY NUC Gapext 1.0	Searched: 1202784 segs, 818138359 residues	umber of hits sa	Minimum DB seq length: 0 Maximum DB seq length: 200000000	Post-processing: Minimum Match 0% Maximum Match 100% Listing first 300 summaries	Issued E	2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:* 3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:* 4: /cm2_6/ptrcdata/1/ina/6A_COMB.seq:*	: /cgn/ : /cgn/ : /cgn/	Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed,	derived by analysis of the total score strumphre	* Oners	Score Match Length DB ID Description	145 100:0 145 1 0S-07-185-91/A-1 Sequence 1,	145 100.0 165 1 US-07-989-841A-1 Sequence 1,	145 100:0 165 3 US-08-440-738A-1 Sequence 1,	145 100.0 4680 1 US-08-254-358-1 Sequence 1,	145 100.0 4680 1 US-US-475-391-1 Sequence 1,	145 100.0 4680 5 PCT-US95-07178-1 Sequence 1, 145 100.0 4681 4 US-09-807-802A-18 Sequence 18,	145 100.0 4683 4 US-09-807-802A-19 Sequence 19, 145 100.0 5932 3 US-09-299-141-4	145 100.0 5932 3 US-09-299-141-4 Sequence 4,	145 100.0 6142 3 US-09-299-141-8 Sequence 8,	145 100.0 6253 3 US-08-893-327-15 Sequence 15,	145 100.0 6280 3 US-08-893-327-17 Sequence 17, 145 100.0 6280 3 US-08-893-327-17 Sequence 17,	22 145 100.0 6280 3 US-08-893-327-19 Sequence 19, Appl c 23 145 100.0 6280 3 US-08-893-327-19 Sequence 19, Appl	145 100.0 6565 3 US-09-299-141-1 Sequence 1, 145 100.0 6565 3 US-09-299-141-1 Sequence 1,	145 100.0 6714 3 US-09-299-141-6 Sequence 6, 145 100.0 6714 3 US-09-299-141-6 Sequence 6,

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RESULT 1

'Sequence 1, Application US/07789917A

'Sequence 1, Application US/07789917A

'Patent No. 5552479

'GENERAL INFORMATION:

'APPLICANT: SITUABATION:

'ITLE OF INVENTION: SAFE VECTOR FOR GENE THERAPY

'NUMBER OF SEQUENCES:

'CORRESPONDENCE ADDRESS:

'ADDRESSEE: Scully, Scott, Murphy Presser

'STREET: 400 Garden City Plaza

'CITY: Garden City

'STATE: New York

'COUNTRY: USA
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US-08-1702-573-4

US-08-702-573-4

US-08-702-573-4

US-08-702-573-4

Sequence 4, Application US/08702573

Petent No. 6033885

GENERAL INFORMATION:
APPLICANT: LATTA, Martine
APPLICANT: UGNE, Emmanuelle
APPLICANT: PERRICAUDET Michel
TITLE OF INVENTION: PREPARATION THEREOF AND THEREOFUTICAL USES THEREOF
NUMBER OF SEQUENCES: 13
CORRESPONDENCES. 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Rd. 3C43

CORRESPONDENCES.
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SOFTWARE: Patentin Release q.0, Version q.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/789,917A
FILING DATE: 19911118
CLASSIFICATION: 435
ATTORNEY/ASHT INFORMATION:
NAME: MONALLY, William E.
REGISTRATION NUMBER: 22,606
REFERENCE/DOCKET NUMBER: 8361
TELEPHONE: (516) 742-4343
TELEPHONE: (516) 742-4346
TELEPHONE: (516) 742-4366
TELEPHONE: (516) 74
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compartible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/702,573
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ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Matches 145, Conservative
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CLASSIFICATION: 424
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
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COUNTRY: US
ZIP: 19426
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1 TIGGCCACTCCCTCTGCGCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC 60
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Best Local Similarity 100.0%; Score 145; DB 3; Length 1.
Best Local Similarity 100.0%; Pred. No. 4e-31;
Matches 145; Conservative 0; Mismatches 0; Indels
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APPLICANT: Samulski, R. J.
APPLICANT: Samulski, R. J.
APPLICANT: Samulski, R. J.
TITLE OF INVENTION: Recombinant Viral Vector System
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: TBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/989,841A
FILING DATE: On even date herewith
CLASSIFICATION: 435
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NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6636-
TELECHONE: (212) 790-901
TELEPHONE: (212) 790-901
TELEPAK: (212) 869-8864/9741
                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 145 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-07-982-193-1
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MOLECULE TYPE: DNA (genomic)
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 165 base pairs
TELEX: 230 901 SANS UR INFORMATION FOR SEQ ID NO:
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nucleic acid
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100.0%; Score 145; DB 3; Length 145;
Best Local Similarity 100.0%; Pred. No. 4e-31;
Matches 145; Conservative 0; Mismatches 0; Indels
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APPLICANT: Srivastava, Arun
APPLICANT: Srivastava, Arun
TITLE OF INVENTION: SAFE VECTOR FOR GENE THERAPY
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy & Presser
STRET: 400 Garden City Plaza
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc feature
LOCATION: 1..145
OTHER INFORMATION: /note= "Minimal ITR Sequence"
APPLICATION NUMBER: FR 94/02445
FILING DATE: 03-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/FR95/00233
FILING DATE: 28-FEB-1995
ATYONEK/ASHT INFORMATION:
NAME: Smith Ph.D., Julie K.
REGISTRATION NUMBER: 38,619
REFRENCE/POCKET NUMBER: ST94011-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610)454-3839
INFORMATION FOR SEQ ID NO: 4:
ENGURNE CHARACTERISTICS:
LENGTH: 145 base pairs
TEREOTH: 145 base pairs
TEREOTH: 145 base pairs
STRANDEDNESS: double
STRANDEDNESS: double
TOPOLOGY: linear
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CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MCNULLY, WILLIAM E.
REGISTRATION NUMBER: 22,606
REFERENCE/DOCKET NUMBER: 8361
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-07-982-193-1
; Sequence 1, Application US/07982193
; Patent No. 6261834
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Sequence 1, Application US/08471914A Patent No. 6057152 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity
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ORGANISM: Unknown
                                                                                                                                                                                                                                                                                                                                                          US-08-471-914-1
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US-09-276-625-7
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                                 21 TTGGCCACTCCCTCTCTGCGCGCTCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC 80
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                                                                                                                                                                                                                                                 Sequence 1, Application US/08440738A
Patent No. 5869305
GENERAL INFORMATION:
APPLICANT: Samulski, R. J.
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER NOS-2711
COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/440,738A
FILING DATE: May 15, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: CCALLZZI, LAULEA
REGISTRATION NUMBER: 30,742
REGISTRATION NUMBER: 30,742
REGISTRATION NUMBER: 30,742
REGISTRATION INFORMATION:
TELEPRAK: (212) 869-8664/9741
TELEPRAK: (212) 869-8664/9741
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity 100.0
Matches 145; Conservative
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OTHER INFORMATION: SEQ ID NO:1 of U.S. Patent No. 6436392 5,478,745
                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence: double-D OTHER INFORMATION: sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 165;
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100.0%; Score 145; DB 3; Length 165;
Best Local Similarity 100.0%; Pred. No. 4.1e-31;
Matches 145; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 7. Application US/09276625; Batent No. 6436392; Batent No. 6436392; GENERAL INPORMATION: APPLICANT: Dann, Dongsheng; TITLE OF INVEXTION: Adeno-associated virus vectors; FILE REFERENCE: 875.007081 US/09/276,625; CURRENT APPLICATION NUMBER: US/09/276,625; CURRENT FILING DATE: 1999-03-25; PRIOR FILING DATE: 1998-05-20 NUMBER OF SEQ ID NOS: 13; SOFTWARE: FastSEQ for Windows Version 4.0; SEQ ID NO 7; LENGTH: 165
APPLICANT: Samulski, R.
APPLICANT: Xiao, X.
IITLE OF INVENTION: RECOMBINANT VIRAL VECTOR SYSTEM
                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 145; DB 3; 100.0%; Pred. No. 4.1e-31;
                                                           CURRENT APPLICATION NUMBER: US/08/471,914A
CURRENT FILING DATE: 1995-06-06
EARLIER APPLICATION NUMBER: 08/440,738
EARLIER FILING DATE: 1995-05-15
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
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RESULT 10
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GENERAL INFORMATION:

APPLICANT: Johnson, Philip R.

TITLE OF INVENTION: Adeno-Associated Virus Materials and
TITLE OF INVENTION: Methods

NUMBER OF SEQUENCES:

ADDRESSE: Marshall, O'Toole, Gerstein, Murray & Borun STREET: 6310 Sears Tower, 233 S. Wacker Drive

CITY: Chicago

STREET: Lilinois

COUNTRY: USA
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Patent No. 5786211
GENERAL INFORMATION: Philip R.
TITLE OF INVENTION: Adeno-Associated Virus Materials and
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/254,358
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FILING DATE:
CLASSIFICATION: 435
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: NO. 5650985and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 31975
TELECOMMULICATION INFORMATION:
TELEPAX: (312) 474-6300
TELEFAX: (312) 474-6300
TELEFAX: (312) 474-6300
TELEEX 25-3856
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 4680 base pairs
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; Sequence 1, Application US/08254358
; Patent No. 5658785
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Best Local Similarity 100.
Matches 145; Conservative
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Sequence 1, Application US/08709609

Patent No. 5858775

GENERAL INFORMATION:

APPLICANT: Johnson, Philip R.

AITLE OF INVENTION: Methods

TITLE OF SEQUENCES:

CORRESPONDENCE ADDRESS:

ADDRESSEE: Marshall O'Toole, Gerstein, Murray & Borun
                                           Murray & Borun
Drive
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6300 Sears Tower, 233 S. Wacker Drive
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                                                                                                                                      COMPINER READABLE FORM:

MEDIUM TYPE: Floppdidisk

COMPUTER: IBM PC compatible

APPLICATION NUMBER: US/08/475,391

FILING DATE: 07-UN-1995

CLASSIFICATION NUMBER: 08/254,358

PILING DATE: NORMATION:

NAME: NO. 5786211and, Greta E.

REGISTRATION NUMBER: 35,302

REFIRENCE/DOCKET NUMBER: 31975

TELEREMONICATION INFORMATION:

TELEBRANCE (312) 474-6300
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; Pred. No. 5.7e-31;
0; Mismatches 0;
                                           Gerstein,
S. Wacker
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NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole,
STREET: 6300 Sears Tower, 233
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US-08-475-391-1
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 4680 base pairs
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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Best Local Similarity 100.
Matches 145; Conservative
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STRANDEDNESS: single
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CITY: Chicago
STATE: Illinois
COUNTRY: USA
                                                              STREET: 6300 Sear
CITY: Chicago
STATE: Illinois
COUNTRY: USA
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GENERAL INFORMATION:
APPLICANT: Johnson, Philip R.
TITLE OF INVENTION: Adeno-Associated Virus Materials and
TITLE OF INVENTION: Methods
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT PPLICATION DATH:
APPLICATION NUMBER: US/08/709,609
FILING DATE:
CLASSIPICATION: 435
ATCORNEY AGENT INFORMATION:
NAME: No. 5858775and, Greta E.
REFERENCE/DOCKET NUMBER: 31975
TELECOMMUNICATION INFORMATION:
TELEFRAX: (312) 474-6300
TELEFAX: (312) 474-6448
TELEFAX: (312) 474-0448
TELEFAX: (312) 474-04
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       121 GCCAACTCCATCACTAGGGGTTCCT 145
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ATTORNEY/AGENT INFORMATION:
NAME: Noland, Greta B.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 31975
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: DNA (genomic) US-08-709-609-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PCT-US95-07178-1
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Sequence 18, Application US/09807802A
; Sequence 18, Application US/09807802A
; Patent No. 6759237
; GENERAL INFORMATION:
    APPLICANT: Wilson, James M.
; APPLICANT: Wilson, Weidong
; TITLE OF INVENTION: Adeno-Associated Virus Serotype I Nucleic Acid Sequences,
; TITLE OF INVENTION: Adeno-Associated Virus Serotype I Nucleic Acid Sequences,
; TITLE OF INVENTION: Vectors and Host Cells Containing Same
; FILE REFERENCE: GNVPN.031USA
; CURRENT APPLICATION NUMBER: US/09/807,802A
; CURRENT APPLICATION NUMBER: US 60/107,114
; PRIOR APPLICATION NUMBER: PCT/US99/25694
; PRIOR PLING DATE: 1999-11-02
; WUMBER OF SEC ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 100.0%; Score 145; DB 5; Length 4680; Best Local Similarity 100.0%; Pred. No. 5.7e-31; Matches 145; Conservative 0; Mismatches 0; Indels 0
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Pred. No. 5.7e-31;
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; Sequence 19, Application US/09807802A
; Patent No. 6759237
; GENERAL INFORMATION:
; APPLICANT: Wilson, James M.
                                                                                                                                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                    LENGTH: 4680 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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Best Local Similarity 100.
Matches 145; Conservative
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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; ORGANISM: AAV-2
US-09-807-802A-18
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US-09-299-141-4/c
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LENGTH: 6142
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US-09-299-141-8
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APPLICANT: Xiao, Weidong
TITLE OF INVENTION: Adeno-Associated Virus Serotype I Nucleic Acid Sequences,
TITLE OF INVENTION: Vectors and Host Cells Containing Same
FILE REFERENCE: GNVPN.031USA
CURRENT APPLICATION NUMBER: US/09/807,802A
CURRENT PILING DATE: 1090-11.05
PRIOR APPLICATION NUMBER: DG 0/107,114
PRIOR PILING DATE: 1998-11.05
PRIOR FILING DATE: 1998-11.02
NUMBER OF SEQ ID NOS: 20
SOFTWARE: ParentIn Version 3.1
SEQ ID NO 19
LENGTH: 4683
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APPLICANT: FLOTTE, TERENCE R.

APPLICANT: SONG, SIHONG

APPLICANT: MACHAEL

TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY

FILE REPRENCE: 4300.011800

CURRENT APPLICATION NUMBER: US/09/299,141

CURRENT FILING DATE: 1999-04-23

EARLIER APPLICATION NUMBER: 60/083,025

EARLIER FILING DATE: 1998-04-24

NUMBER OF SEQ ID NOS: 13

SOFTWARE: PATCHIN Ver. 2.0
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US-09-299-141-4
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100.0%; Score 145; DB 4;
Best Local Similarity 100.0%; Pred. No. 5.7e-31;
Matches 145; Conservative 0; Mismatches 0;
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US-09-299-141-4
; Sequence 4, Application US/09299141
; Patent No. 6461606
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                                                                                                                                                                                                                                                      ; TYPE: DNA
; ORGANISM: AAV-6
US-09-807-802A-19
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LENGTH: 5932
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3078 TIGGCCACTCCCTCTCTGCGCGCTCGCTCGCTCACTGAGGCCGGGCGAAAGGTCGCC 3019
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                                                                                                                                              Sequence 4, Application US/09299141

Patent No. 661606

GENERAL INFORMATION:
APPLICANT: FLOTTE, TERENCE R.
APPLICANT: SONG, SILONG
APPLICANT: BYRNE, BARRY J.
APPLICANT: BYRNE, BARRY J.
APPLICANT: BYRNE, MCHAREL
TITE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300.011800
CURRENT APPLICATION NUMBER: US/09/299,141
CURRENT FILLING DATE: 1999-04-23
CURRENT FILLING DATE: 1998-04-24

NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
LENGTH: 5932
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Description of Artificial Sequence:p43C-ATUS-09-299-141-4
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APPLICANT: SONG, SIHONG
APPLICANT: SONG, SIHONG
APPLICANT: SONG, SIHONG
APPLICANT: BARREY J.

APPLICANT: HORGAN, MICHAEL
ITILE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300,011800
CURRENT FILING DATE: 1999-04-23
EARLIER APPLICATION NUMBER: 60/083,025
BARLIER PLILING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTIN VET: 2.0
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138 GCCAACTCCATCACTAGGGGTTCCT 162
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sest Local Similarity
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Gaps

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1) ITIGCCACTCCCTCTCTGCGCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC
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Patent No. 6020192
GENERAL INFORMATION:
APPLICANT: Zolotukhin, Sergei
APPLICANT: Muzyczka, Micholam
TITLE OF INVENTION: Humanized Green Fluorescent Protein
TITLE OF INVENTION: Genes and Methods
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSE: Arnold, White & Durkee
                                       COUNTRY: USA
ZIP: 77210-4433
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Vergion #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/893,327
FILING DATE:
                                                                                                                                                                                                                                                CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/588,201
FILING DATE: 18-JAN-1996
ATTORNEY AGENT INFORMATION:
NAME: Kitchell, Barbara S.
REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: UPLA:062\KIT
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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STATE: TX
COUNTRY: USA
ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          E: Arnold, White & Durkee P. O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION: (512) 418-3000
TELERAX: (713) 789-2679
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
TENGTH: 6253 hard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches 145; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CDS
988..1701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: P. O. CITY: Houston
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; NAME/KEY:
; LOCATION:
US-08-893-327-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
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                        Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ) OTHER INFORMATION: Description of Artificial Sequence:PLASMID ; OTHER INFORMATION: p43msENC-AT US-09-299-141-8
                                                                                                                                                                                                                                                                                                                                                  APPLICANT: NO. 6461606

FREERAL INFORMATION:
APPLICANT: FLOTTE, TERENCE R.
APPLICANT: BYRNE, BARRY J.
TITLE OF INVENTION: MICHAEL
TITLE REFERENCE: 4300.011800
CURRENT APPLICATION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300.011800
CURRENT FILING DATE: 1999-04-23
ERALIER FILING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATERIAL DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATERIAL DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATERIAL DATE: 1998-04-24
SEQ ID NO 8: SEQ ID NOS: 13
LENGTH: 6142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 15, Application US/08893327

Patent No. 6020192

GENERAL INFORMATION:

APPLICANT: Zolocukhin, Sergei

APPLICANT: Hauswirth, William W.
APPLICANT: Hauswirth, William W.
APPLICANT: Muzyczka, Nicholas

TITLE OF INVENTION: Genes and Methods

NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESS:

ADDRESSEE: Arnold, White & Durkee
                     Indels
  Pred. No. 5.9e-31; ; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3168 GCCAACTCCATCACTAGGGGTTCCT 3144
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P. O. Box 4433
Best Local Similarity 100.0%; P. Matches 145; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
                                                               1 TIGGCCACTCCCTCTC
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19 TTGGCCACTCCCTCTCTGCGCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Zolotukhin, Sergei
APPLICANT: Zolotukhin, William W.
APPLICANT: Hauswirth, William W.
APPLICANT: Muzyczka, Nicholas
APPLICANT: Muzyczka, Nicholas
TITLE OF INVENTION: Humanized Green Fluorescent Protein
TITLE OF INVENTION: Genes and Methods
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSE: Arnold, White & Durkee
STREET: P. O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE PATENTIN RELEASE #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/893,327
FILING DATE: US/08/893,327
FILING PAPLICATION S14
PRIOR APPLICATION NUMBER: US/88,201
FILING DATE: 18-JAN-1996
ATTONNEY/AGENT INPORMATION:
NAME: Kitchell, Barbara S.
REGISTRATION NUMBER: 33,928
REGISTRATION NUMBER: 33,928
REGISTRATION NUMBER: UFLA:062\KIT
TELECOMMULICATION INFORMATION:
TELECOMMULICATION INFORMATION:
TELECOMMULICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     121 GCCAACTCCATCACTAGGGGTTCCT 145
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COUNTRY: USA
ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 17, Application US/08893327
Patent No. 6020192
GENERAL INFORMATION:
                     NAME: Kitchell, Barbara S.
REGIGSTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: UFLA
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEPKX: (713) 789-2679
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISICS:
LENGTH: 6280 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (713) 789-2679
INFORMATION FOR SEQ ID NO: 17:
  ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                         CDS
988..1728
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US-08-893-327-17/c
                                                                                                                                                                                                                                                                                                                                                       ; NAME/KEY:
; LOCATION:
US-08-893-327-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 145; DB 3; Length 6253; 100.0%; Pred. No. 5.9e-31; trive 0; Mismatches 0; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 17, Application US/08893327
; Sequence 17, Application US/08893327
; Patent No. 6020192
; GENERAL INFORMATION:
APPLICANT: Colotukhin, Sergei
APPLICANT: Hauswirth, William W. APPLICANT: Maryczka, Nicholas
TITLE OF INVENTION: Humanized Green Fluorescent Protein
TITLE OF INVENTION: Genes and Methods
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P. O. Box 4433
CITY: Houston
STREET: T. O. Box 4433
STREET: T. O. Box A433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
ZIP: 77210-4433
COMPUTER REALBABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPTIER: BE PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/893,327
FILING DATE:
PatentIn Release #1.0, Version #1.30
             SUTURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/893,327
APPLICATION NUMBER: US/08/893,327
FILING DATE:
CLASSIFICATION 514
PRIOR APPLICATION DATA:
APPLICATION DATE: US/08/89,201
FILING DATE: 18-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kitchell, Barbara S.
REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: UFLA:062\KIT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEPHONE: (512) 418-3000
TELEPHONE: (512) 418-3000
TELEPAS: CASS DESCRIPTION:
TELEPHONE: (512) 418-3000
TELEPRATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 6253 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/588,201
FILING DATE: 18-JAN-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 100.
Matches 145; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CDS
988..1701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; NAME/KEY:
; LOCATION:
US-08-893-327-15
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                                                                                     Gaps
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                                         Length 6280;
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                                                                                                                                                                                                                                                                                                                                                                                                RESULT 23
US-08-893-327-19/C
is Sequence 19, Application US/08893327
is Patent No. 6020192
is GENERAL INFORMATION:
is APPLICANT: Hauswirth, William W.
APPLICANT: Muzyczka, Nicholas
itTILE OF INVENTION: Humanized Green Fluorescent Protein
it TILE OF INVENTION: Genes and Methods
it TILE OF INVENTION: 20
it CORRESPONDENCE ADDRESS:
                                                                                   0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: 1X

COUNTRY: USA

ZIP: 77210-4433

COMPUTER READABLE FORM:
MEDIUM TYPE: FIDOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/893,327
FILING DATE:
CLASSIFICATION NUMBER: US 08/588,201
FILING DATE:
PLING DATE: 18-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kitchell, Barbara S.
REFERENCE/DOCKET NUMBER: 33,928
REFERENCE/DOCKET NUMBER: 33,928
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF 18-3000
TELEFRAX: (713) 789-2679
INFORMATION FOR SEQ ID NO: 19:
SEQUIRCE CHARACTERISTICS:
                                       100.0%; Score 145; DB 3;
100.0%; Pred. No. 5.9e-31;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
100.0%; Score 145; DB 3;
Best Local Similarity 100.0%; Pred. No. 5.9e-31;
Matches 145; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                               121 GCCAACTCCATCACTAGGGGTTCCT 145
                                                                                                                                                                                                                                                                                                                                       139 GCCAACTCCATCACTAGGGGTTCCT 163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: Arnold, White & Durkee SITRET: P. O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        6280 base pairs
                                       Query Match
Best Local Similarity 100.0
Matches 145; Conservative
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STRANDEDNESS: single
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988..1728
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; LOCATION:
US-08-893-327-19
  US-08-893-327-19
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                                                                                                                                                                                                            Query Match 100.0%; Score 145; DB 3; Length 6280; Best Local Similarity 100.0%; Pred. No. 5.9e-31; Matches 145; Conservative 0; Mismatches 0; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Zolotukhin, Sergei
APPLICANT: Hauswirth, William W.
APPLICANT: Hauswirth, William W.
APPLICANT: Muzyozka, Mitcholas
TITLE OF INVENTION: Humanized Green Fluorescent Protein
TITLE OF INVENTION: Genes and Methods
MUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSE: Arnold, White & Durkee
STREET: P. O. Box 4433
CITY: Houston
STATE: TX
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUPTRY: USA
ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/893,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
CLASSIPICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/588,201
FILING DATE: 18-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kitchell, Barbara S.
REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: UFLA:062\KIT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512,4,10-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3307 GCCAACTCCATCACTAGGGGTTCCT 3283
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Patent No. 6020192
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INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 6280 base pairs
             LENGTH: 6280 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TOPOLOGY: linear
FEATURE:
NNAMF/KEY: CDS
LOCATION: 988.1728
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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NAME/KEY:
LOCATION:
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                    Sequence 1, Application US/09299141

Patent No. 6461606

GENERAL INFORMATION:
APPLICANT: FLOTTE, TERENCE R.
APPLICANT: SONG, SIHONG
APPLICANT: BYRNE, BARRY J.
APPLICANT: BYRNE, BARRY J.
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300.011800
CURRENT FILING DATE: 1999-04-23
EARLIER APPLICATION NUMBER: 60/083,025
EARLIER FILING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: FLOTTE, TERENCE R.
APPLICANT: SIGNO, SIRONO
APPLICANT: SONO, SIRONO
APPLICANT: MICHAEL
APPLICANT: MORGAN, MICHAEL
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300.011800
CURRENT APPLICATION NUMBER: US/09/299,141
CURRENT FILING DATE: 1999-04-23
EARLIER APPLICATION NUMBER: 60/083,025
EARLIER PILING DATE: 1988-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                     3307 GCCAACTCCATCACTAGGGGTTCCT 3283
                                                                                                                  121 GCCAACTCCATCACTAGGGGTTCCT 145
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                                       CGACGCCCGGGCT
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LENGTH: 6565
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US-09-299-141-1
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; OTHER INFORMATION: Description of Artificial Sequence:PLASMID C-ATUS-09-299-141-1
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                                                                        Length 6565;
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Sequence 6, Application US/09299141

Sequence 6, Application US/09299141

Sequence 6, Application US/09299141

Sexuence 6, Application US/09299141

APPLICANT: SONG, SIRONG

APPLICANT: BYRNE, BARRY J.

APPLICANT: BYRNE, BARRY J.

APPLICANT: BYRNE, BARRY J.

APPLICANT: WORGAN, MICHAEL

TITLE NOFINVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300.011800

CURRENT FILING DATE: 1999-04-23

EARLIER FILING DATE: 1998-04-24

NUMBER OF SEQ ID NOS: 13

SOFTWARE: PATERIAL VET: 2.0

SEQ ID NO 6

LENGTH: 6714
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                                                                      Ouery Match 100.0%; Score 145; DB 3;
Best Local Similarity 100.0%; Pred. No. 5.9e-31;
Matches 145; Conservative 0; Mismatches 0;
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US-09-299-141-6/C
US-09-299-141-6/C
; Sequence 6, Application US/09299141
; Patent No. 6461606
; GENERAL INFORMATION:
; APPLICANT: RIOTTE, STHONG
; APPLICANT: SONG, STHONG
; APPLICANT: BYRNE, BARRY J.
                                                                                                                                                                     1 TIGGCCACTCCCTCTCTGCGCGCT
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Best Local Similarity 100.0
Matches 145; Conservative
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138 GCCAACTCCATCACTAGGGG
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ORGANISM: Artificial Sequence
121 GCCAACTCCATC
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Batent No. 6461606

GENERAL INFORMATION:
APPLICANT: STORY, SIHONG
APPLICANT: STORY, SIHONG
APPLICANT: STORY, BARRY J.
APPLICANT: STORY, BARRY J.
APPLICANT: WORGAN, MICHAEL
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300.011800
CURRENT APPLICATION NUMBER: US/09/299,141
CURRENT FILING DATE: 1999-04-23
EARLIER FILING DATE: 1999-04-24
MUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTIN OF: 2.0
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           TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY FILE REFERENCE: 4300.011800 CURRENT APPLICATION NUMBER: US/09/299,141 CURRENT APPLICATION NUMBER: 09/093,025 EARLIER APPLICATION NUMBER: 60/083,025 EARLIER FILING DATE: 1998-04-24 NUMBER OF SEQ ID NOS: 13 SOFTWARE: PATENTIN Ver. 2.0 SEQ ID NO 6 LENGTH: 6714
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Best Local Similarity 100.0%; Pred. No. 6e-31;
Matches 145; Conservative 0; Mismatches 0; Indels
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.0
Matches 145, Conservative
APPLICANT: MORGAN, MICHAEL
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LENGTH: 6924
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; Sequence 10, Application US/09299141
; Patent No. 6461606
; GENERAL INFORMATION:
; APPLICANT: FUCTIE, TERENCE R.
; APPLICANT: BYRNE, BARRY J.
; APPLICANT: BYRNE, MICHAEL
; TITLE OF INVORGAN, MICHAEL
; TITLE OF INVORGAN, MICHAEL
; TITLE OF INVORGAN, MICHAEL
; TITLE REFERENCE: 4300.011800
; CURRENT APPLICATION NUMBER: US/09/299,141
; CURRENT PILING DATE: 1999-04-23
; EARLIER APPLICATION NUMBER: 60/083,025
; RARLIER PILING DATE: 1998-04-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 10
; LENGTH: 6224
                                                                                                                                                                                         APPLICANT: PLOTTE, TERENCE R.
APPLICANT: SONG, SIHONG
APPLICANT: BONG, SIHONG
TOTAL OWNER, MICHAEL
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFREENCE: 4300.011800
CURRENT APPLICATION NUMBER: US/09/299,141
CURRENT PILING DATE: 1999-04-23
EARLIER APPLICATION NUMBER: 60/083,025
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PARENTIN Ver. 2.0
SEQ ID NO 9
LENGTH: 6924
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100.0%; Score 145; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 6e-31;
Matches 145; Conservative 0; Mismatches 0; Indels
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Sequence 9, Application US/09299141; Patent No. 6461606; GENERAL INFORMATION:
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3950 gccaacrccarcacraeeeerrccr 3926
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EARLIER APPLICATION NUMBER: 60/083,025
EARLIER FILING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PACENTIN Ver. 2.0
SEQ ID NO 11
LENGTH: 6924
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
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Matches 145; Conservative
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US-09-299-141-11/c
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LENGTH: 6924
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                      Query Match
100.0%; Score 145; DB 3; Length 6924;
Best Local Similarity 100.0%; Pred. No. 6e-31;
Matches 145; Conservative 0; Mismatches 0; Indels 0
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                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: FLOTTE, TERENCE R.
APPLICANT: SONG, SIHONG
APPLICANT: SONG, SHONG
TOTHE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REPERENCE: 4300.011800
CURRENT APPLICATION NUMBER: 05/083,025
EARLIER APPLICATION NUMBER: 60/083,025
EARLIER PILING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTING DATE: 2.0
SEQ ID NO 10
LENGTH: 6924
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence:PLASMID OTHER INFORMATION: p43msENCB-AT
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Patent No. 6461606
GENERAL INFORMATION:
APPLICANT: FLOTTE, TERENCE R.
APPLICANT: SONG, SIHONG
APPLICANT: BYNE, BARRY J.
APPLICANT: BYNE, BARRY J.
APPLICANT: BYNE, BARRY J.
FPLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REPERENCE: 4300.011800
CURRENT APPLICATION NUMBER: US/09/299,141
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
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Matches 145; Conservative
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US-09-299-141-10/c
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US-09-299-141-11
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                                                                                           Query Match 100.0%; Score 145; DB 3; Length 6924; Best Local Similarity 100.0%; Pred. No. 6e-31; Matches 145; Conservative 0; Mismatches 0; Indels 0;
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OTHER INFORMATION: Description of Artificial Sequence:PLASMID OTHER INFORMATION: p43rmsENCB-AT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 11, Application US/09299141

Patent No. 6461606

GENERAL INPORMATION:
APPLICANT: FLOTIE; TERENCE R.
APPLICANT: SONG, SIHONG
APPLICANT: BYRNE, BARRY J.
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REPRENCE: 4300,011800
CURRENT APPLICATION NUMBER: US/09/299,141
CURRENT FILING DATE: 1999-04-23
EARLIER REPLICATION NUMBER: 60/083,025
BARLIER RILING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTIN VET. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence: PLASMID OTHER INFORMATION: p43rmsENCB-AT
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100.0%; Pred. No. 6e-31;
tive 0; Mismatches
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Fatent No. 6461606

GENERAL INFORMATION:
APPLICANT: FLOTTE, TERENCE R.
APPLICANT: SONG, SITHONG
INFORMATION: MATCHAEL
TITLE OF INVENTION: MATCHAEL
TITLE OF INVENTION: MATCHAEL
CURRENT PELLICATION UNMBER: US/09/299,141
CURRENT FILING DATE: 1999-04-23
CURRENT FILING DATE: 1999-04-24
SARLIER FILING DATE: 1999-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATCHILN VEY: 2.0
                                                                                      APPLICANT: PLOTE, TERENCE R.
APPLICANT: PLOTE, TERENCE R.
APPLICANT: BYENG, SIHONG
APPLICANT: BYENG, BARRY J.
APPLICANT: BYENG, BARRY J.
APPLICANT: MORGAN, MICHAEL
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300.011800
FURRENT APPLICATION NUMBER: US/09/299,141
EARLIER FILING DATE: 1999-04-23
EARLIER FILING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
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                                 Sequence 7, Application US/09299141
Patent No. 6461606
GENERAL INFORMATION:
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LENGTH: 6981
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Gaps
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OTHER INFORMATION: Description of Artificial Sequence:PLASMID dE-AT
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                                                                                                                                                                                                                                                                                                                                        Sequence 3, Application US/09299141
; Patent No. 6461606
; GENERAL INFORMATION:
; APPLICANT: FLOTTE, TERENCE R.
; APPLICANT: BONG, SIHONG
; APPLICANT: BONG, SIHONG
; APPLICANT: BONG, SIHONG
; APPLICANT: BONG, OIL 1000
; TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
; FILE REFERENCE: 4300.011800
; CURRENT APPLICATION NUMBER: US/09/299,141
; CURRENT FILING DATE: 1999-04-23
; CURRENT FILING DATE: 1999-04-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3
; LENGTH: 7054
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Patent No. 6461606

GENERAL INFORMATION:
APPLICANT: FLOTTE, TERENCE R.
APPLICANT: SONG, SITHONG
APPLICANT: MORGAN, MICHAEL
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300.011800
CURRENT APPLICATION NUMBER: US/09/299,141
CURRENT FILING DATE: 1999-04-23
FARLIER FILING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
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SEQ ID NO 3
LENGTH: 7054
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                                                         OTHER INFORMATION: Description of Artificial Sequence: PLASMID dE-AT
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                                                                                                               Query Match 100.0%; Score 145; DB 3; Length 7054; Best Local Similarity 100.0%; Pred. No. 6e-31; Matches 145; Conservative 0; Mismatches 0; Indels 0.
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APPLICANT: FLOTTE, TERENCE R.
APPLICANT: SIGNG, SIHONG
APPLICANT: SONG, SIHONG
APPLICANT: SONG, SHORG
APPLICANT: MORGAN, MICHAEL
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REPERENCE: 4300.011800
CURRENT APPLICATION NUMBER: 05/083,025
EARLIER PILLING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
LENGTH: 7405
                                                                                                                                                                                                                                                                                                                                                                                              4081 GCCAACTCCATCACTAGGGGTTCCT 4057
                                                                                                                                                                                                                                                                                                                                                             121 GCCAACTCCATCACTAGGGGTTCCT 145
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 2, Application US/09299141 Patent No. 6461606
TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
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US-09-299-141-2/c
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                                                              ; OTHER INFORU
US-09-299-141-3
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                                       FEATURE:
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Sequence 2, Application US/09299141
Patent No. 6461606
GENERAL INFORMATION:
APPLICANT: FLOTTE, TERENCE R.
APPLICANT: SONG, STHONG
APPLICANT: BYRNE, BARRY J.

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                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                      , OTHER INFORMATION: Description of Artificial Sequence:PLASMID E-AT
US-09-299-141-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
, OTHER INFORMATION: Description of Artificial Sequence:p43C-AT-IN US-09-299-141-5
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                                                                                                                                                                                                                                                                                           Length 7405;
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US-09-299-141-5
Sequence 5, Application US/09299141
APPLICANT: FLOTTE, TERENCE R.
APPLICANT: MONGAN, MICHAEL
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300.011800
CURRENT APPLICATION UNMBER: US/09/299,141
CURRENT FILING DATE: 1999-04-23
SEALIER FILING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 145; DB 3; Length 74
Pred. No. 6e-31;
); Mismatches 0; Indels
                                                                                                                                                                                                                                                                                    Score 145; DB 3; Deus....
Pred. No. 6e-31;
         TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY FILE REFERENCE: 4300.011800 CURRENT APPLICATION NUMBER: US/09/299,141 CURRENT FILING DATE: 1999-04-23 EARLIER FILING DATE: 1998-04-24 NUMBER OF SEQ ID NOS: 13 SSCTARRE: PALENTIN VET: 2.0 SSCTARRE: PALENTIN VET: 2.0 LENGTH: 7405
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Best Local Similarity 100.0%; Pred. No. 6e-3
                                                                                                                                                                                                                                                                                                                                0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4432 GCCAACTCCATCACGGGGTTCCT 4408
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Best Local Similarity 100.0%;
Matches 145; Conservative 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
APPLICANT: MORGAN, MICHAEL
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                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 4, Application US/09276625;
Patent No. 6436392;
GENERAL INFORMATION:
APPLICANT: Engelhardt, John F.;
APPLICANT: Engelhardt, John F.;
TITLE OF INVENTION: Adeno-associated virus vectors;
FILE REPRERNCE: 875.007US1;
CURRENT FILING DATE: 1999-03-25;
PRIOR APPLICATION NUMBER: US 60/086,166;
PRIOR APPLICATION NUMBER: US 60/086,166;
NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 143.4; DB 3;
Pred. No. 1.2e-30;
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APPLICANT: APPLIED IMMUNE, SCIENCES, INC.
APPLICANT: PHILIP, RAMILA
APPLICANT: LEBKOWSKI, JANE
TITLE OF INVENTION: ADENO-ASSOCIATED VIRAL (AAV)
TITLE OF INVENTION: LIPOSOMES
TITLE OF INVENTION: AND METHODS RELATED THERETO
NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: DNA; ORGANISM: AAV circular intermediate, clone p81 US-09-276-625-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
98.9%; Score 143.4;
Best Local Similarity 99.3%; Pred. No. 1.2e
Matches 144; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                121 GCCAACTCCATCACTAGGGGTTCCT 145
                                                                                                                                                                                                                121 GCCAACTCCATCACTAGGGGTTCCT 145
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1, Application US/08305221
Patent No. 583441
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ADDRESSEE: HELLER, E
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; OTHER INFORMATION: Description of Artificial Sequence:p43C-AT-IN
US-09-299-141-5
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                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: FLOTTE, TERENCE R.
APPLICANT: SONG, SIHONG
APPLICANT: BYRNE, BARRY J.
APPLICANT: MORGAN, MICHAEL
TITLE OF INVENTION: MATERIALS AND METHODS FOR GENE THERAPY
FILE REFERENCE: 4300.011800;
CURRENT APPLICATION NUMBER: US/09/299,141
CURRENT FILING DATE: 1999-04-23
EARLIER FILING DATE: 1998-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTIN OF: 2.0
SEQ ID NO S: 13
LENGTH: 7492
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 100.0%; Score 145; DB 3; Length 7 Best Local Similarity 100.0%; Pred. No. 6e-31; Matches 145; Conservative 0; Mismatches 0; Indels
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; Sequence 2. Application US/09770315
; Patent No. 642901
; GENERAL INPORMATION:
; TITLE OF INVENTION:
; TITLE OF INVENTION: Recombinant AAV Packaging Systems
; FILE REFERENCE: 20263-501
; CURRENT PILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: US 60/178,536
; PRIOR FILING DATE: 2000-01-26
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100.0%; Score 145; DB 3;
Best Local Similarity 100.0%; Pred. No. 6.1e-31;
Matches 145; Conservative 0; Mismatches 0;
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6399 GCCAACTCCATCACTAGGGGTTCCT 6423
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SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                       Sequence 5, Application US/09299141
Patent No. 6461606
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: Unknown
                                                                                                        RESULT 41
US-09-299-141-5/c
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LENGTH: 8698
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LOCATION: 1565..2035
OTHER INFORMATION: /product= "Residues 1565 to 1579 rat insulin
signal peptide; residues 1580 to 1582 linker;
residues 1583
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION: 45..239
OTHER INFORMATION: /function= "Left terminal region of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         function= "Adeno virus major late
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /function= "Mouse immunoglobulin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: 5'UTR
LOCATION: 1394..1564
OTHER INFORMATION: /function= "Rat preproinsulin 5'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAMES KEY: misc_feature
LOCATION: 1..44
OTHER INFORMATION: /product= "Bluescript KS II
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: promoter
LOCATION: 293..1075
OTHER INFORMATION: /function= "CMV promoter"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: polyA_site
LCGATION: 2085.2471
OTHER INFORMATION: /standard_name= "SV40
polyadenylation signal"
              FILING DATE: 19-JUL-1996
APPLICATION NUMBER: US 60/001,312
FILING DATE: 19-JUL-1996
APPLICATION NUMBER: US 60/001,184
FILING DATE: 01-JUL-1995
APPLICATION NUMBER: US 66/286
FILING DATE: 01-DEC-1995
ATTORNEY/AGBNT INFORMATION:
NAME: BATTON, ALEXA
REGISTRATION NUMBER: 22,702
REGISTRATION NUMBER: 22,702
REGISTRATION NUMBER: 20,846-K USA
TELEPHONE: (215) 923-4466
TELEPHONE: (215) 923-2189
INFORMATION FOR SED ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 5585 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: circular
MOLECULE TYPE: NA (genomic)
AMPOTHETICAL: NO
  PCT/US96/12012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    adeno-associated virus'
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LOCATION: 1565..2035
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LOCATION: 1079..1264
OTHER INFORMATION: /
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: iDNA
LOCATION: 1269..1357
OTHER INFORMATION: //
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OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ANTI-SENSE: NO FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1, Application US/0900003A
Patent No. 6652850
GENERAL INFORMATION:
APPLICANT: Philip, Ramila
APPLICANT: Philip, Ramila
TITLE OF INVENTION: ADEN-ASSOCIATED VIRAL LIPOSOMES AND
TITLE OF INVENTION: ADEN-ASSOCIATED VIRAL LIPOSOMES AND
SPECIFIC IMMUNITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 TTGGCCACTCCTCTCTGCGCGCTCGCTCGCTCACTGAGGCCGGGCGAAAGGTCGCC
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ADDRESSEE: Alexie Barron, Esq.
STREET: Suite 2600 Aramark Tower, 1101 Market Street
CITY: Philadelphia
STATE: PA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READBLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: TBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/000,003A
FILING DATE: 15-Jun-1998
CLASSIFTATION: <UNKNOWN>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 97.8%; Score 141.8; DB 2; Best Local Similarity 98.6%; Pred. No. 4.4e-30; Matches 143; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: United States of America ZIP: 19107
                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/120,605
FILING DATE: 13-SEP-1993
ATTORNEY/AGENT INFORMATION:
NAME: LITHGOW, TIMOTHY J.
REGISTRATION NUMBER: US 36,856
REFERENCE/DOCKET NUMBER: 12144-0163
TELECOMMUNICATION INFORMATION:
TELEFAX: 415-772-600
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/305,221
FILING DATE: 12-SEP-1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ANTI-SENSE: NO
PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US94/09774
FILING DATE: 13-SEP-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: circular
MOLECULE TYPE: CDNA to mRNA
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 30
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US-09-000-003A-1
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Patent No. 5869305
GENERAL INFORMATION:
APPLICANT: Samulski, R. J.
APPLICANT: Xiao, X.
TITLE OF INVENTION: Recombinant Viral Vector System
NUMBER OF SEQUENCES:
CORRESPONDENCES:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
                                                                                                                                                       STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-COMPATIBLE
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/989,841A
FILING DATE: On even date herewith
CLASSIFICATION: 435
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6636-013
TELECHONICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
TELEFAX: 6644 PENNIE
INFORMATION FOR SEQ ID NO: 6: SEQUENCE CHARACTERISTICS:
   NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
CORRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            121 GCCAACTCCATCACTAGGGGTTCCT 145
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STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    25 GCCAACGCCAGCACGAGGGTTCCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 145 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches 139; Conservative
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COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy di
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  unknown
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Best Local Similarity
                                                                                                                                New York
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US-08-440-738A-6/c
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                                                                                                                                CITY: N
STATE:
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                                                                                                                            LOCATION: 2039..2071
OTHER INFORMATION: /function= "3' untranslated region
                                                                                                                                                                                                                                                                                                              97.8%; Score 141.8; DB 4; Length 5585; 98.6%; Pred. No. 4.4e-30; tive 0; Mismatches 2; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 272;
OTHER INFORMATION: /product= "Bluescript KS II
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 6, Application US/09276625
; Patent No. 6436392
; GENERAL INFORMATION:
; APPLICANT: Engelhardt, John F.; APPLICANT: Duan, Dongsheng
; TITLE OF INVENTION: Adeno-associated virus vectors
; FILE REFERENCE: 975.007031
; CURRENT APPLICATION NUMBER: US/09/276,625
; CURRENT APPLICATION NUMBER: US/09/276,625
; FILE REFERENCE: 1999-03-25
; PRIOR APPLICATION NUMBER: US/09/6,625
; NUMBER OF FILING DATE: 1998-05-20
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 3;
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ORGANISM: AAV circular intermediate, clone p1202
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                                                                                                                                                                                                                     SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                166 GCCAACTCCATCACTAGGGGTTCCT 190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  121 GCCAACTCCATCACTAGGGGTTCCT 145
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Patent No. 5478745
GENERAL INFORMATION:
APPLICANT: Samulaki, R. J.
APPLICANT: Xiao, X.
                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 98.69
Matches 143; Conservative
                                                                                        NAME/KEY: 3'UTR
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                                    cloning vector"
                                                                                                                                                                                              of human IL-2"
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US-07-989-841A-6/c
                                                                 FEATURE
                                                                                                                                                                                                                                                      US-09-000-003A-1
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Sequence 5, Application US/08702573
Sequence 5, Application US/08702573
Sequence 5, Application US/08702573
Sequence 5, Application US-083885
GENERAL INFORMATION: Martine
APPLICANT: UGURE, Emmanuelle
APPLICANT: UGURE, Emmanuelle
APPLICANT: PERRICAUDET, Michael
TITLE OF INVENTION: INTEGRATIVE RECOMBINANT ADENOVIRUSES,
TITLE OF INVENTION: PERREARTION THEREOF AND THERAPEUTICAL USES THEREOF
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 TTGGCCACTCCCTCTCTGCGCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC
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; LOCATION: 1..154
; OTHER INFORMATION: /note= "Left AAV ITR From pXL2629"
US-08-702-573-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/702,573
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 94/02445
FILING DATE: 03-MAR-1994
PRIOR APPLICATION NUMBER: WO PCT/FR95/00233
FILING DATE: 28-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Smith Ph.D., Julie K.
REGISTRATION NUMBER: 38,619
REFERENCE/DOCKET NUMBER: 5794011-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (10,0454-3839
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          121 GCCAACTCCATCACTAGGGGTTCCT 145
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Rhone-Poulenc Rorer Inc. STREET: 500 Arcola Rd. 3C43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 19426
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
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Best Local Similarity 98.6%;
Matches 143; Conservative C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (610)454-3808
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 194 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 500 ALCOUNTY: Collegeville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 2; Length 145;
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APPLICANT: Xiao, X.
TITLE OF INVENTION: RECOMBINANT VIRAL VECTOR SYSTEM
FILE REFERENCE: 6636-027
CURRENT APPLICATION NUMBER: US/08/471,914A
CURRENT APPLICATION NUMBER: 08/440,738
EARLIER APPLICATION NUMBER: 08/440,738
FARLIER FILING DATE: 1995-05-15
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PALENTIN VOR: 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      93.4%; Score 135.4; DB 2
95.9%; Pred. No. 1.8e-28;
iive 0; Mismatches 6
APPLICATION NUMBER: US/08/440,738A
FILING DATE: May 15, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6636-022
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                        TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIE
INPORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 145 base pairs
TYPE: nucleic acid
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HOLECULE TYPE: DNA (genomic)
US-08-440-738A-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 95.9
Matches 139; Conservative
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unknown
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-471-914-6/c
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Collegeville
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Best Local Similarity
                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION:
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                                                         19426
                                   COUNTRY:
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Batent No. 6033885

GENERAL INFORMATION:
APPLICANT: LATTA, Martine
APPLICANT: DENEFLE, Patrice
APPLICANT: TITLE OF INVENTION: INTEGRATIVE RECOMBINANT ADENOVIRUSES,
TITLE OF INVENTION: PREPARATION THEREOF AND THERAPEUTICAL USES THEREOF
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 TIGGCCACTCCCTCTCTGCGCGCTCGCTCGCTCACTGAGGCCGGCGGCGACCAAAGGTCGCC
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                           Sequence 1, Application US/08525866

Patent No. 6207457

GENERAL INFORMATION:

BAPLICANT: NATSOULES, GEORGES

APPLICANT: FUROSKY, RICHARD T.

TITLE OF INVENTION: AND INTEGRATION SYSTEM

NUMBER OF SEQUENCES. 6

CORRESPONDENCE ADDRESS:

ADDRESSEE: REED & ROBINS

STREET: 285 Hamilton Avenue, Suite 200

CITY: Palo Alto

STATE: CA

COMMENS. 150
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                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYRE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

SUSTWARE: PAPLICATION DATA:

APPLICATION NUMBER: US/08/525,866

FLING DATE: 08-SEP-1995

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: ROBINS, ROBERTA I.

REGISTRATION NUMBER: 0800-0006

REFERENCE/DOCKET NUMBER: 0800-0006

TELEPAN: (415) 327-3400

TELEPAN: (415) 327-3231

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 145 base pairs

TYPE: MOCAGO COCKET

STRANDEDNESS: single
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100.0%; Pred. No. 1.3e-25;
:ive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          500 Arcola Rd. 3C43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100.
Matches 125; Conservative
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USA
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STREET: 50
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-525-866-1
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US-08-702-573-3
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STATE: NA

CONTINENT: USA

CONTINENT: USA

CONTINENT: REPARABLE FORM: 18

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CONTINENT: REPARABLE FORM: 18

CONTINENT: REPARABLE FORM: 18

CONTINENT: PAREITY PRINCIPATION DATA: 18

FILING DATE: 0.-144-1994

CTILING DATE: 0.-144-1994

FILING APPLICATION NUMBER: RE 94/0245

FILING DATE: 0.-144-1994

FILING APPLICATION NUMBER: 18, 519

AND FILING DATE: 0.-144-1994

FILING APPLICATION NUMBER: 18, 519

AND FILING DATE: 0.-144-1994

FILING DATE: 0.-144-1994

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FILING DATE: 0.-144-1994

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Patent No. 6207457
GENERAL INFORMATION:
APPLICANT: NATSOULLS, GEORGES
APPLICANT: FURSOKY, RICHARD T.
TITLE OF INVENTION: TARGETED NUCLEOTIDE SEQUENCE DELIVERY
TITLE OF INVENTION: AND INTEGRATION SYSTEM
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: REED & ROBINS
STREET: 285 Hamilton Avenue, Suite 200
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 117.8; DB 3; Length
Pred. No. 1.3e-23;
0; Mismatches 17; Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: TBM PC Compatible
OPERATUR SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
RPPLICATION NUMBER: US/08/525,866
FILING DATE: 08-SEP-1995
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 3;
                                                                                                                                                                                                                                                                                                                                                                                                                               82.3%; Score 119.4; DB 3
89.0%; Pred. No. 4.8e-24;
tive 0; Mismatches 16
                                                                                                                                                                                                                     ; TYPE: DNA
; ORGANISM: AAV circular intermediate, clone p81
US-09-276-625-4
NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4
LENGTH: 272
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          121 GCCAACTCCATCACTAGGGGTTCCT 145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INPORMATION:
NAME: ROBINS, ROBERTA L.
REGISTRATION NUMBER: 33.208
REFERENCE/DOCKET NUMBER: 0800
TELECOMMUNICATION INFORMATION:
TELEFHONE: (415) 327-3400
TELEFAX: (415) 327-3231
INPORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   81.2%;
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TYPE: nucleic acid
STRANDEDNESS: single
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Best Local Similarity 89.0°
Matches 129; Conservative
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Matches 128; Conservative
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US-08-525-866-1
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Patent No. 6451594
GENERAL INFORMATION:
APPLICANT: Chien, Kenneth
APPLICANT: Chien, Kenneth
APPLICANT: Evans, Yibin
APPLICANT: Evans, Sylvia
TITLE OF INVENTION: No. 6451594e1 Recombinant Adenovirus for Tissue Specific Expres
FILE REFERENCE: 6627-PA8045
CURRENT FILING DATE: 1999-09-10
NUMBER OF SEQ ID NOS: 3
SOFTWARE: PatentIn version 3.0
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                                                                                                                                                                                                                                                                                                                                Query Match 85.7%; Score 124.2; DB 3; Length 272; Best Local Similarity 91.0%; Pred. No. 2.3e-25; Matches 132; Conservative 0; Mismatches 13; Indels 0
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Patent No. 6436392
GENERAL INFORMATION:
APPLICANT: Engelhardt, John F.
APPLICANT: Duan, Dongsheng
ITILE OF INVENTION: Adeno-associated virus vectors
FILE REFERENCE: 975.007051
CURRENT APPLICATION NUMBER: US/09/276,625
CURRENT FILING DATE: 1999-03-25
PRIOR PILING DATE: 1998-05-20
                                                                                                                     ; TYPE: DNA
; ORGANISM: AAV circular intermediate, clone p1202
US-09-276-625-6
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US-09-394-110A-1/c
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LENGTH: 174
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                      SEQ ID NO 6
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                 1 TIGGCCACTCCCTCTGCGCGCTCGCTCGCTCACTGAGGCCGGGCGACCAAAGGTCGCC 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          17; Indels
                                                                                                                                                                                                                                                                                                                                                          ADDRESER: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/989,841A
FILING DATE: On even date herewith
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Samulaki, R. J.
APPLICANT: Xiao, X.
TITLE OF INVENTION: Recombinant Viral Vector System VUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSE: Pennie & Edmonds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     81.2%; Score 117.8; DB 1;
88.3%; Pred. No. 1.3e-23;
tive 0; Mismatches 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (212) 79.742
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6636-013
TELEPHONE: (212) 790-9090
TELEPHONE: (212) 869-8864/9741
TELEPHONE: (212) 869-8864/9741
TELEPHONE: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS: LEWGTH: 165 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: unknown
                                                                         121 GCCAACTCCATCACTAGGGGTTCCT 145
                                                                                                             121 GCCAACTCCATCACTAGGGGTTCCT 145
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                                                                                                                                                                         RESULT 57
US-07-599-841A-1/c
; Sequence 1, Application US/07989841A
; Patent No. 5478745
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Best Local Similarity 88.33
Matches 128; Conservative
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RESULT 58 US-08-440-738A-1/c : Sequence 1, Application US/08440738A ; Patent No. 5869305

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1 TTGGCCACTCCCTCTCTGCGCGCTCGCTCACTGAGGCCGGGCGAAAAGGTCGCC 60
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Pred. No. 1.3e-23;
0; Mismatches 17; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/NS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/440,738A

FILING DATE: May 15, 1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: COLUZZI, LAURA A

REGISTRATION NUMBER: 6636-022

REFERENCE/DOCKET NUMBER: 6636-022

TELECOMMUNICATION:

TELECOMMUNICATION:

TELECOMMUNICATION:

TELECOMMUNICATION:

TELECOMMUNICATION:

TELECOMMUNICATION:

TELECOMMUNICATION:

TELEFRA: (212) 790-9090

TELEFRA: (212) 869-8864/9741
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Patent No. 6057152

GENERAL INFORMATION:
APPLICANT: Samulaki, R.
TITLE OF INVENTION: RECOMBINANT VIRAL VECTOR SYSTEM
FILE REFERENCE: 6636-06
CURRENT APPLICATION NUMBER: US/08/471,914A
CURRENT PILING DATE: 1995-06-06
EARLIER APPLICATION NUMBER: 08/440,738
FARLIER PILING DATE: 1995-05-15
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTIN VET. 2.0
                                                                                                                                                       Recombinant Viral Vector System
                                                                                                                                                                                                                                                                                                     ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
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MOLECULE TYPE: DNA (genomic)
GENERAL INFORMATION:
APPLICANT: Samulski, R. J.
APPLICANT: Xiao, X.
TITLE OF INVENTION: Recombir
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELDET. (212) c.c.
TELERAX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 165 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
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Best Local Similarity 88.3
Matches 128; Conservative
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LENGTH: 165
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                               OTHER INFORMATION: Description of Artificial Sequence: double-D; OTHER INFORMATION: Sequence
US-08-471-914-1
                                                                                                      Query Match 81.2%; Score 117.8; DB 3; Length 165; Best Local Similarity 88.3%; Pred. No. 1.3e-23; Matches 128; Conservative 0; Mismatches 17; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 81.2%; Score 117.8; DB 3; Length 165; Best Local Similarity 88.3%; Pred. No. 1.3e-23; Matches 128; Conservative 0; Mismatches 17; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 7, Application US/09276625
; Patent No. 6436392
; GENERAL INPORMATION:
; APPLICANT: Engelhardt, John F.
; APPLICANT: Duan, Dongsheng
; TITLE OF INVENTION: Adeno-associated virus vectors
; FILE REFERENCE: 875.0070S1
; CURRENT FILING DATE: 1999-03-25
; CURRENT FILING DATE: 1999-03-25
; RIOR FILING DATE: 1998-05-20
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 7
; SEQ ID NO 7
; LENGTH: 165
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Job time : 118.722 secs
ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Unknown
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US-09-276-625-7/c
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